

Fig. 1

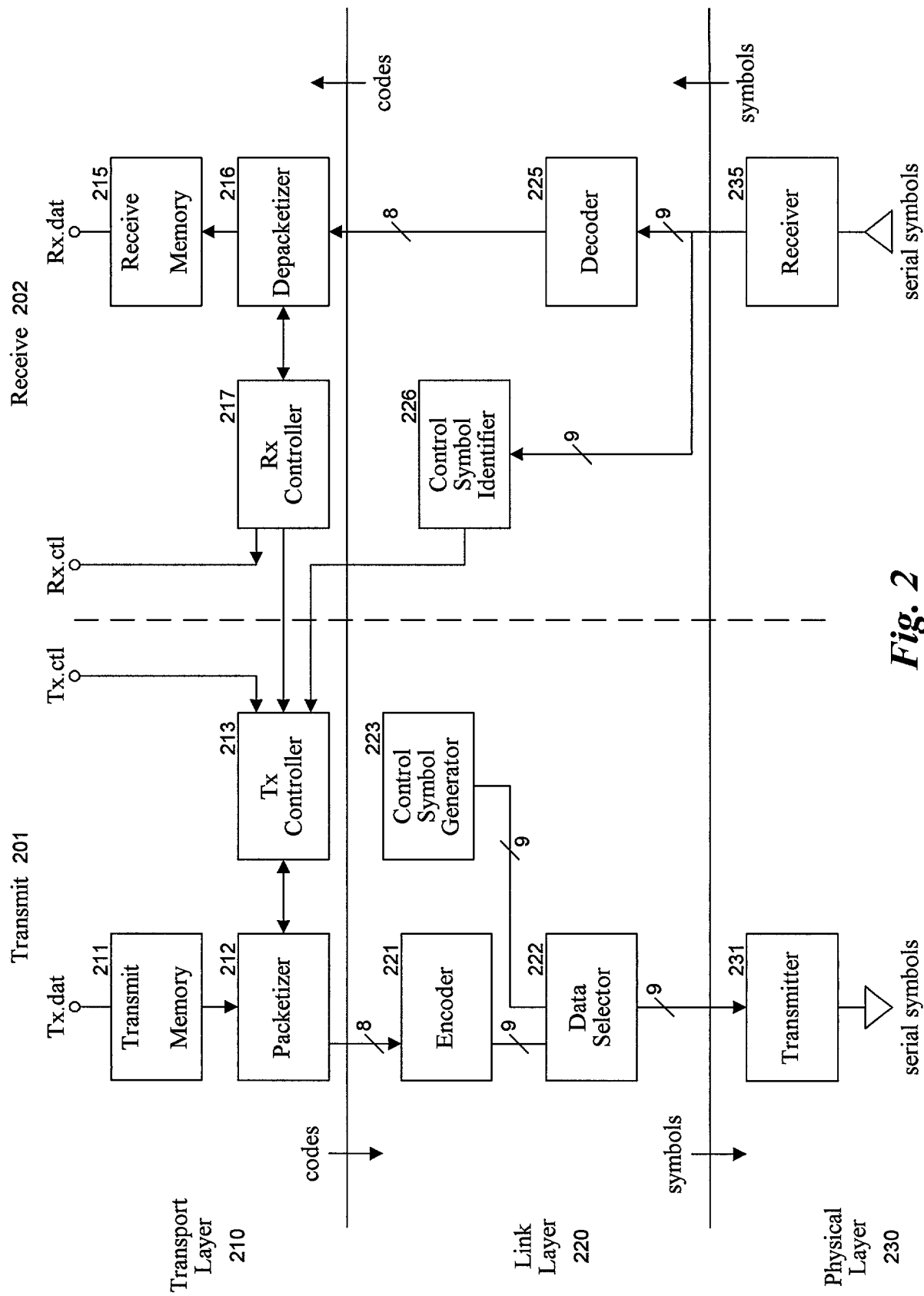


Fig. 2

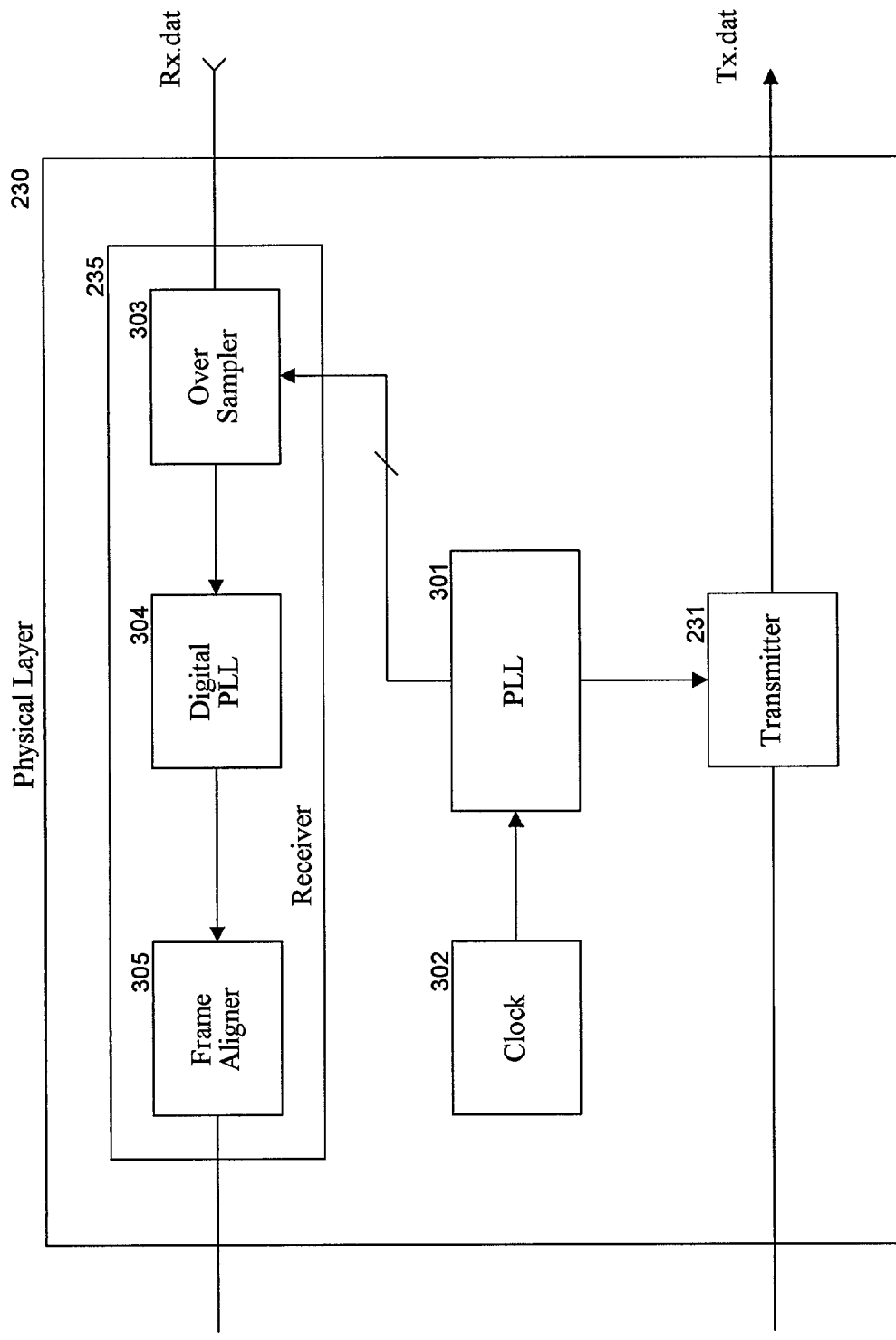


Fig. 3

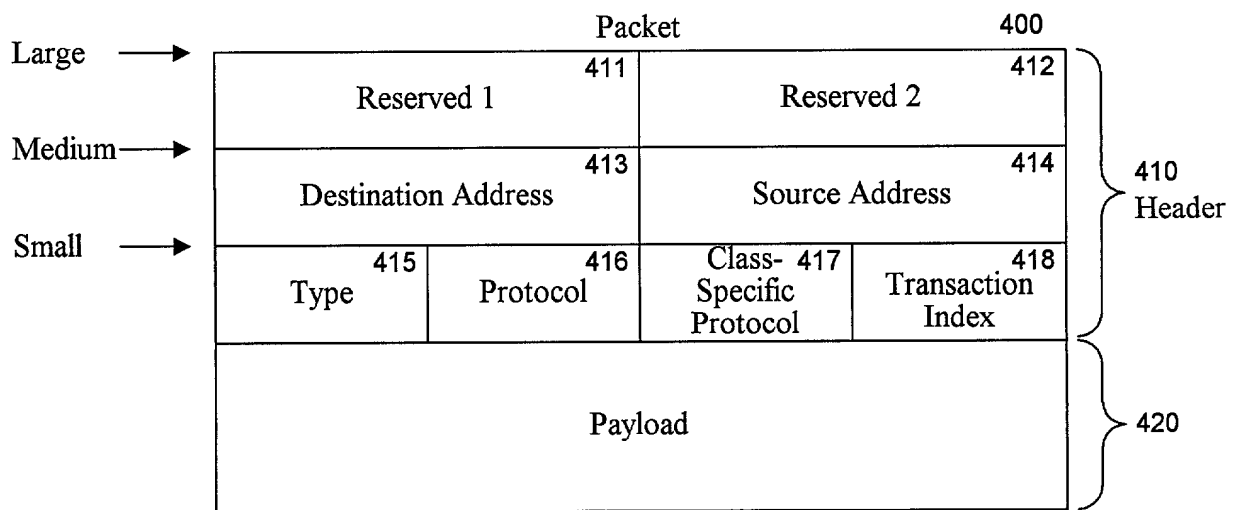


Fig. 4

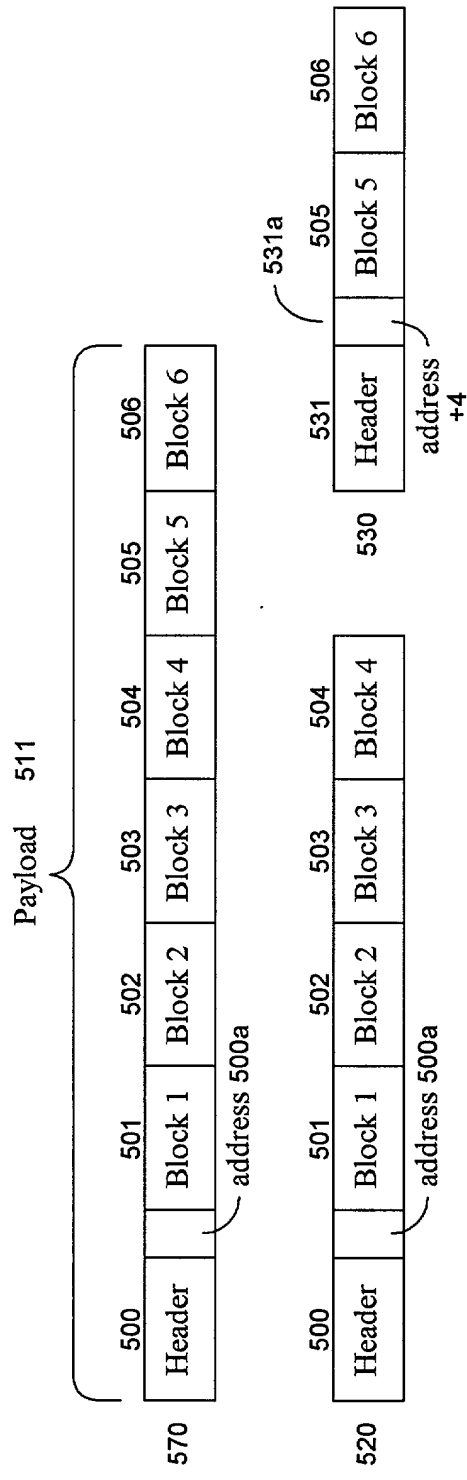


Fig. 5

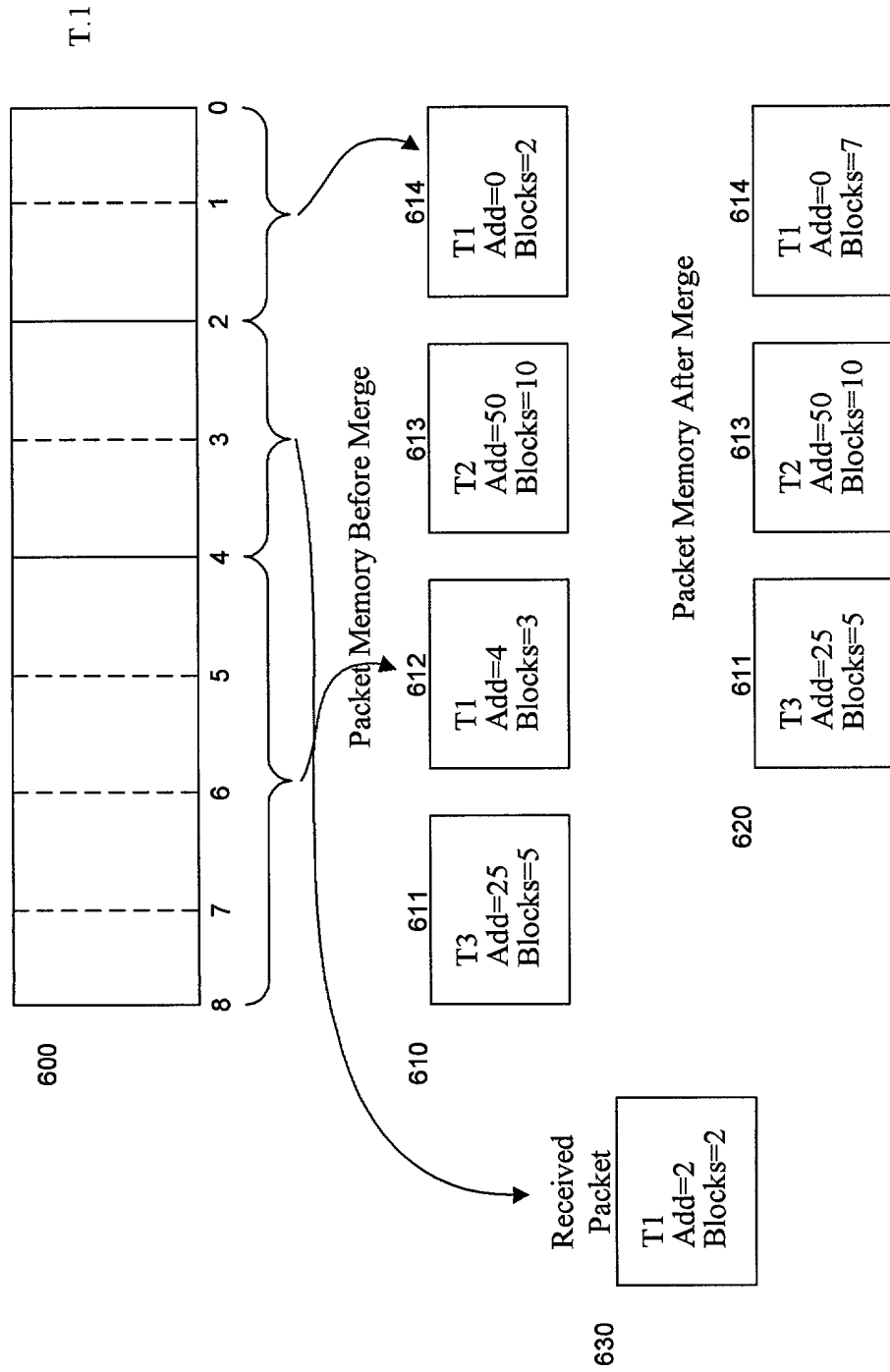


Fig. 6

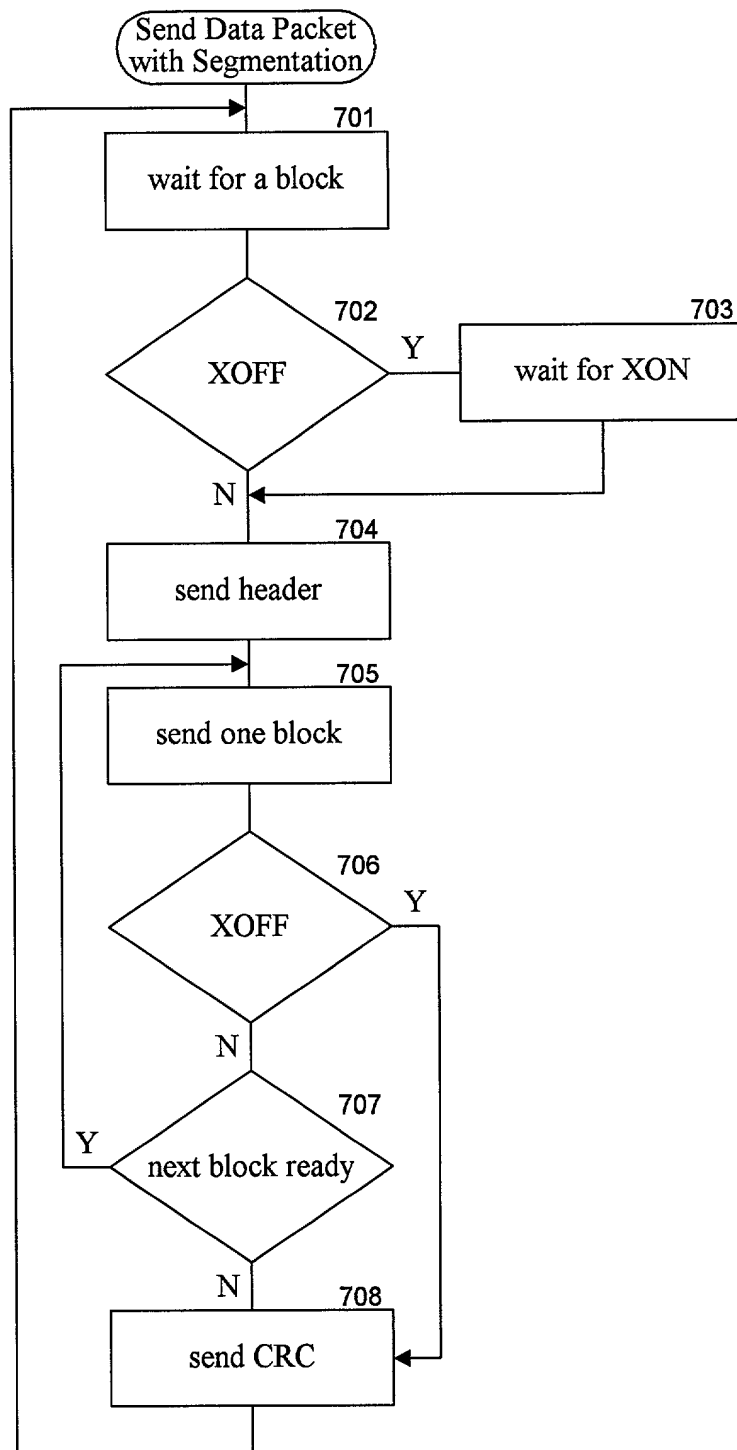


Fig. 7

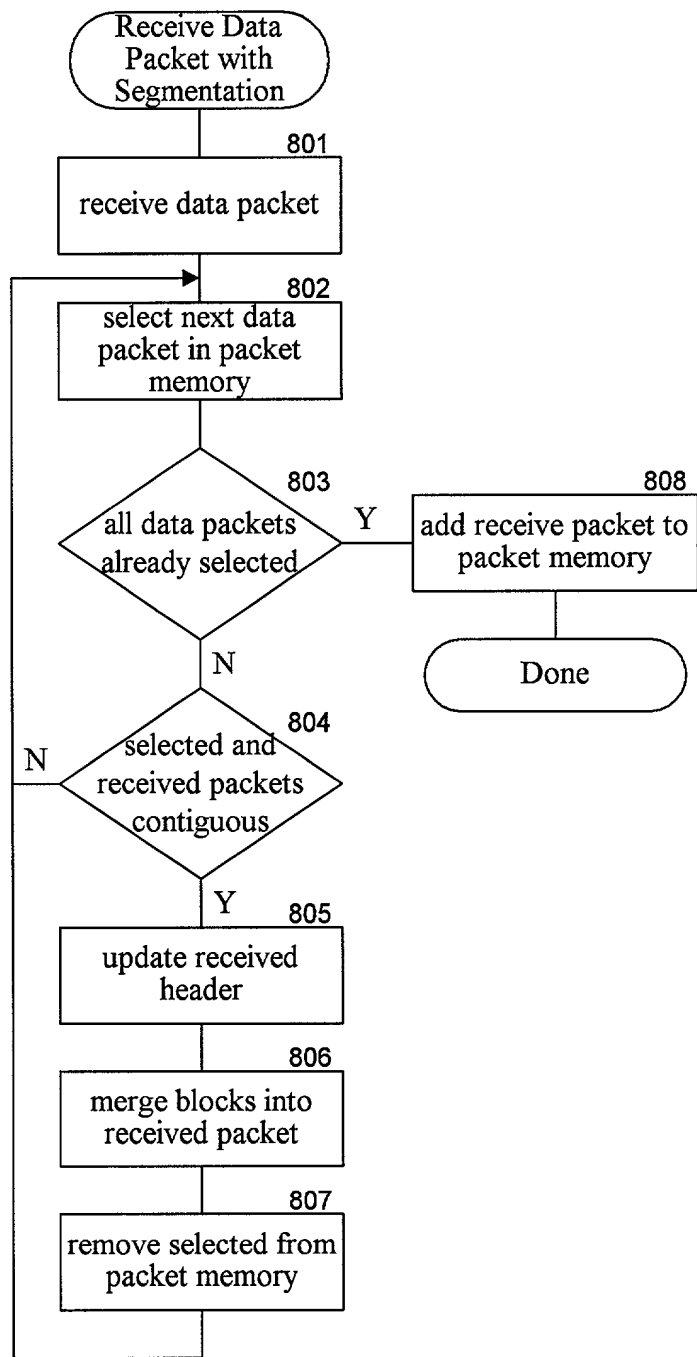
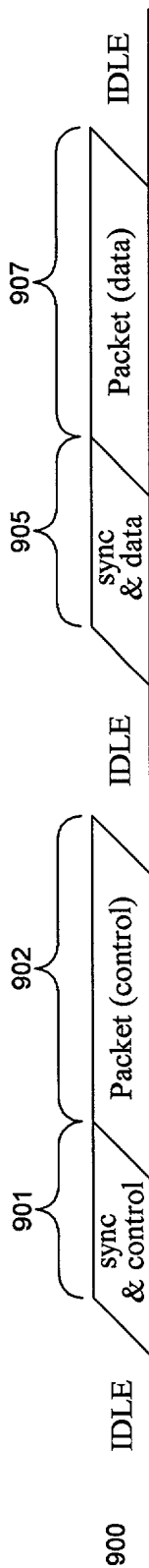


Fig. 8



sync & packet type

Fig. 9A

BIT BUFFER	A8	A7	A6	A5	A4	A3	A2	A1	A0	B8	B7	B6	B5	B4	B3	B2	B1	C0	C8	C7	C6	C5	C4	C3	C2	C1	C0
BIT CONTENT	0	0	1	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0
"10" DETECTION	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
"10" DETECTION RESULT	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
SYMBOL STARTING POINTS																											

Fig. 9B

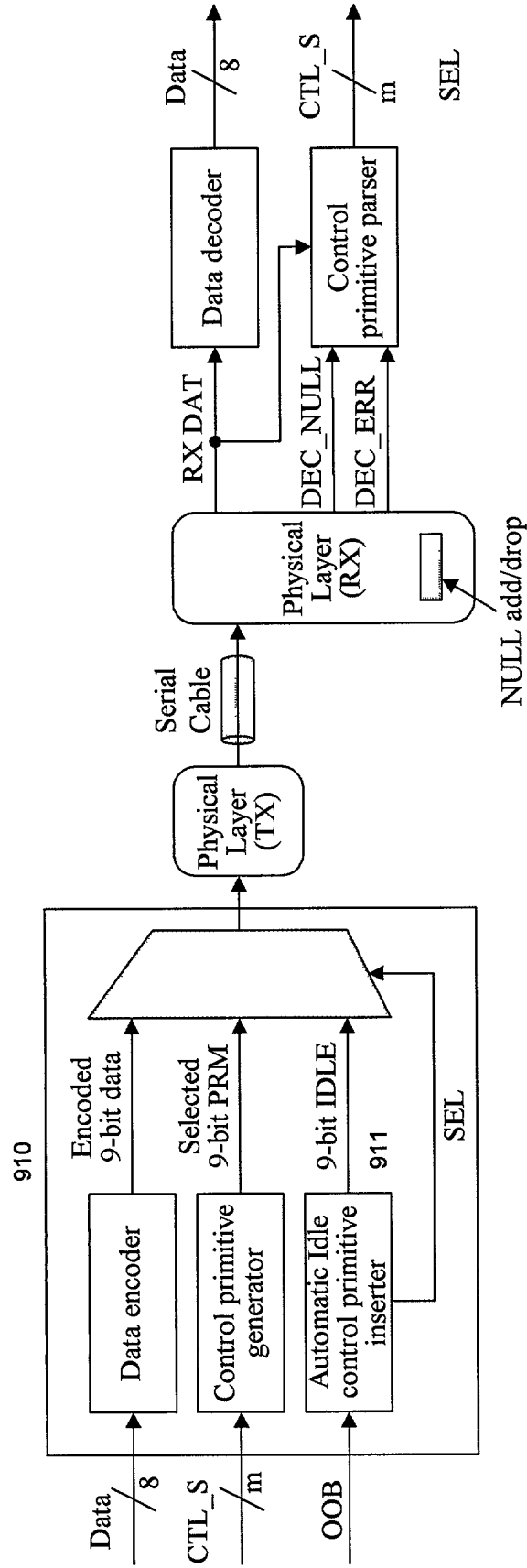


Fig. 9C

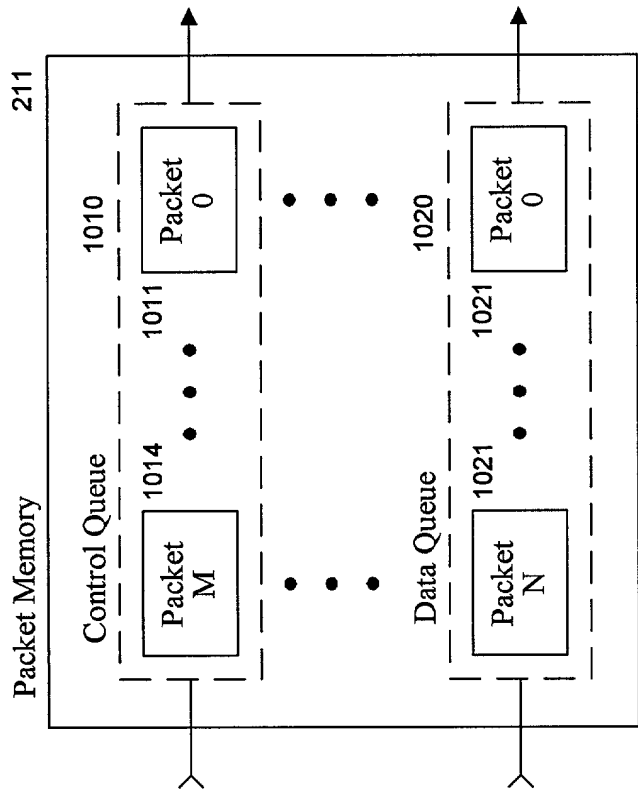


Fig. 10

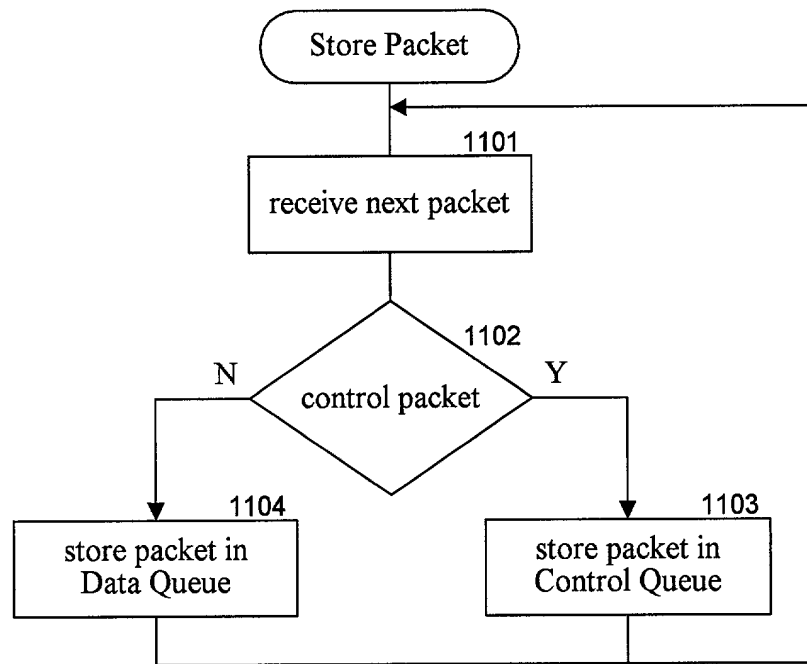


Fig. 11

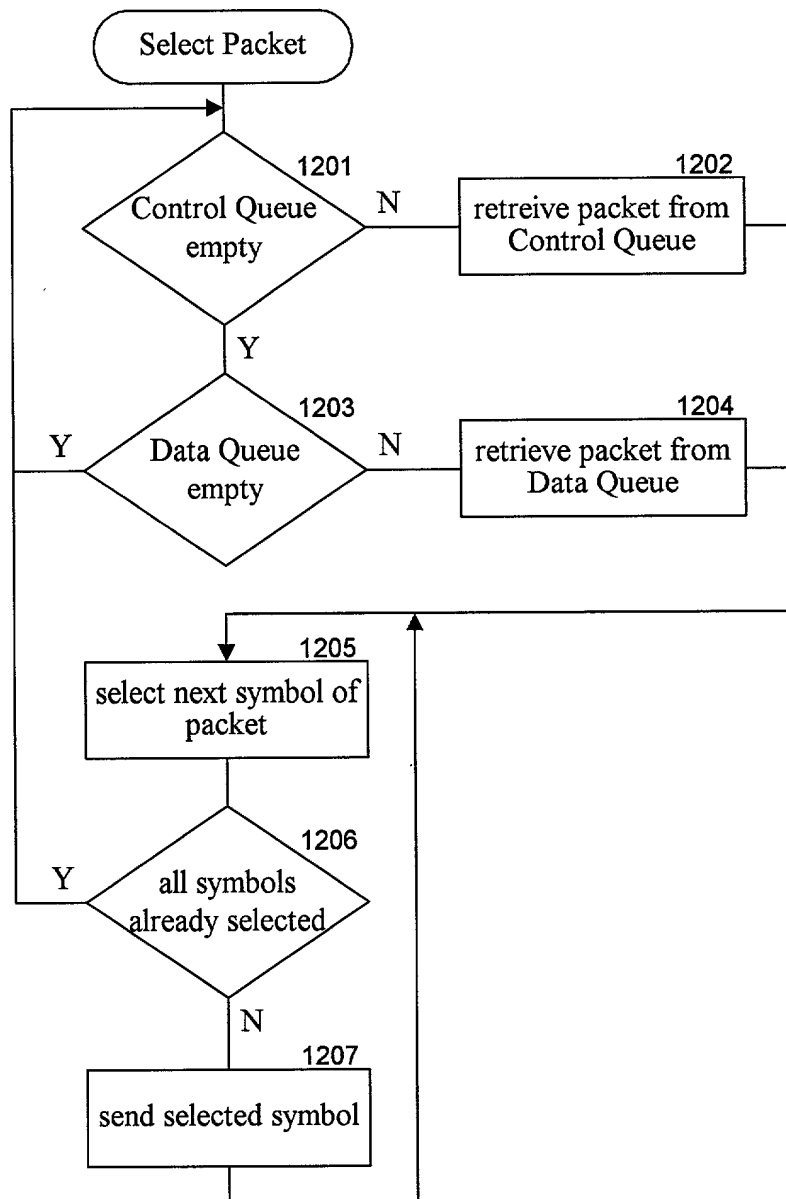


Fig. 12

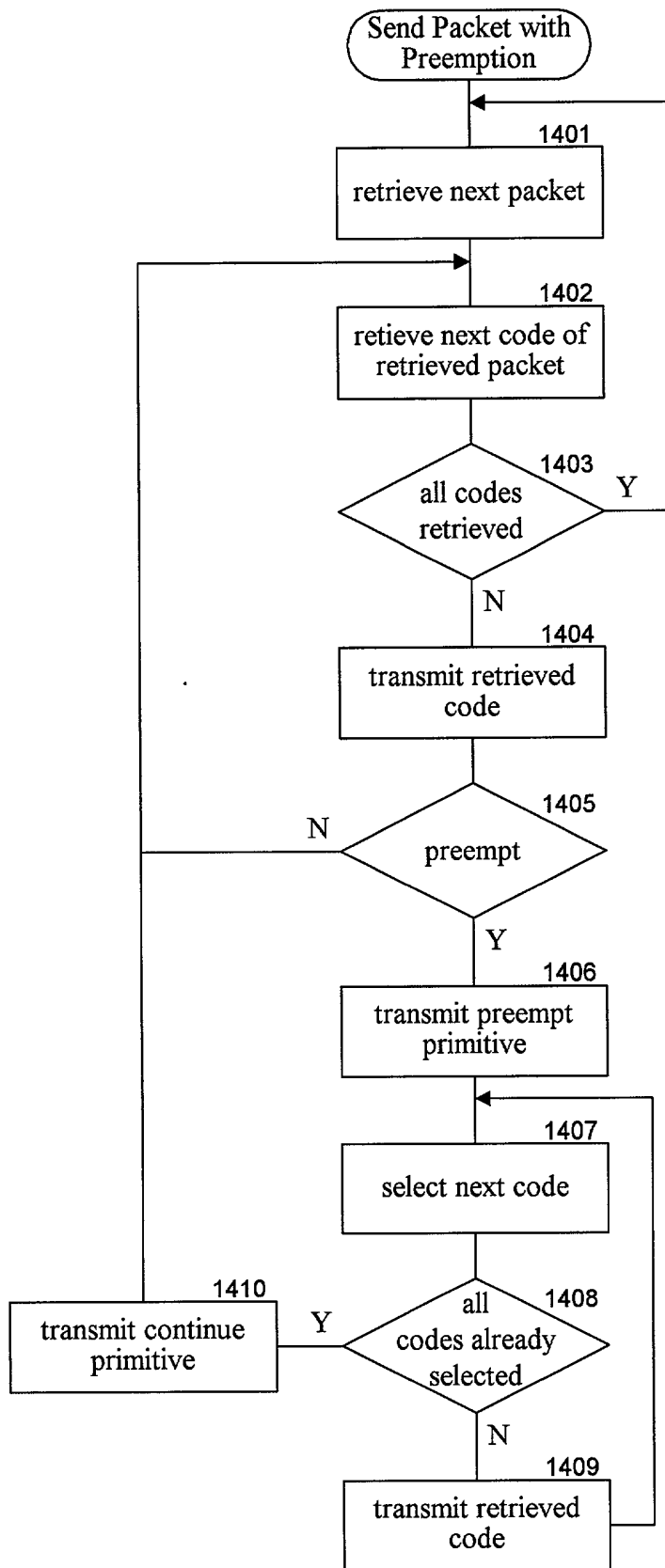


Fig. 14

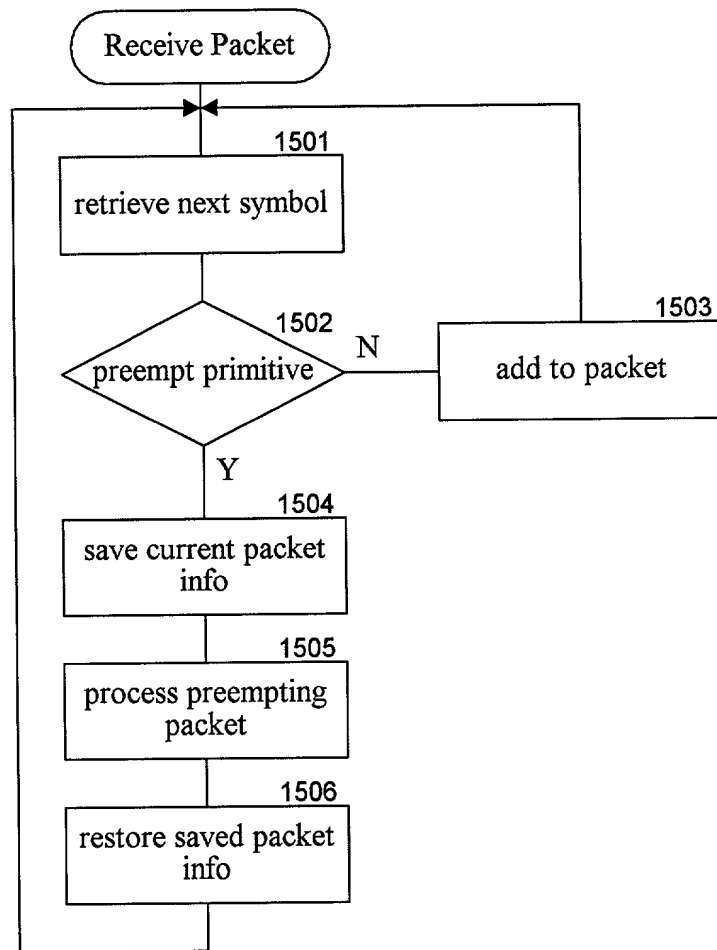


Fig. 15

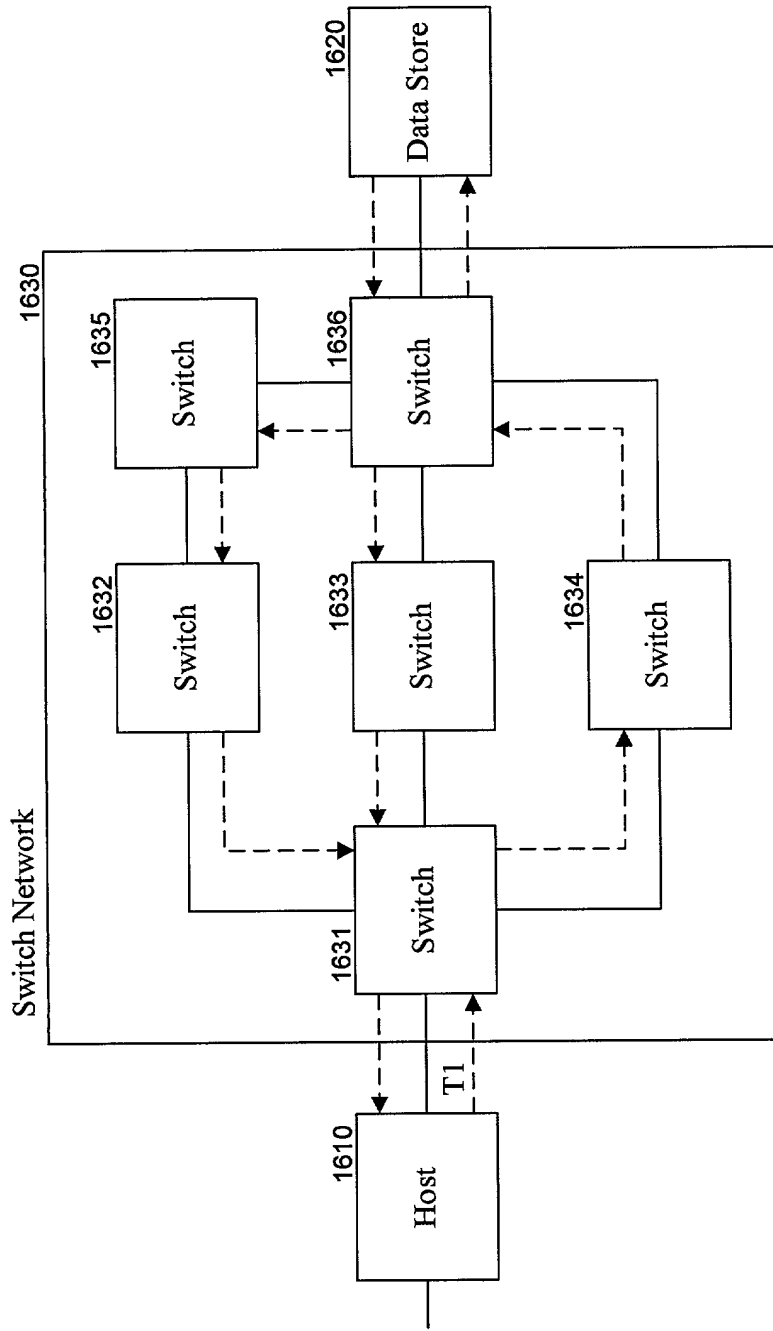


Fig. 16

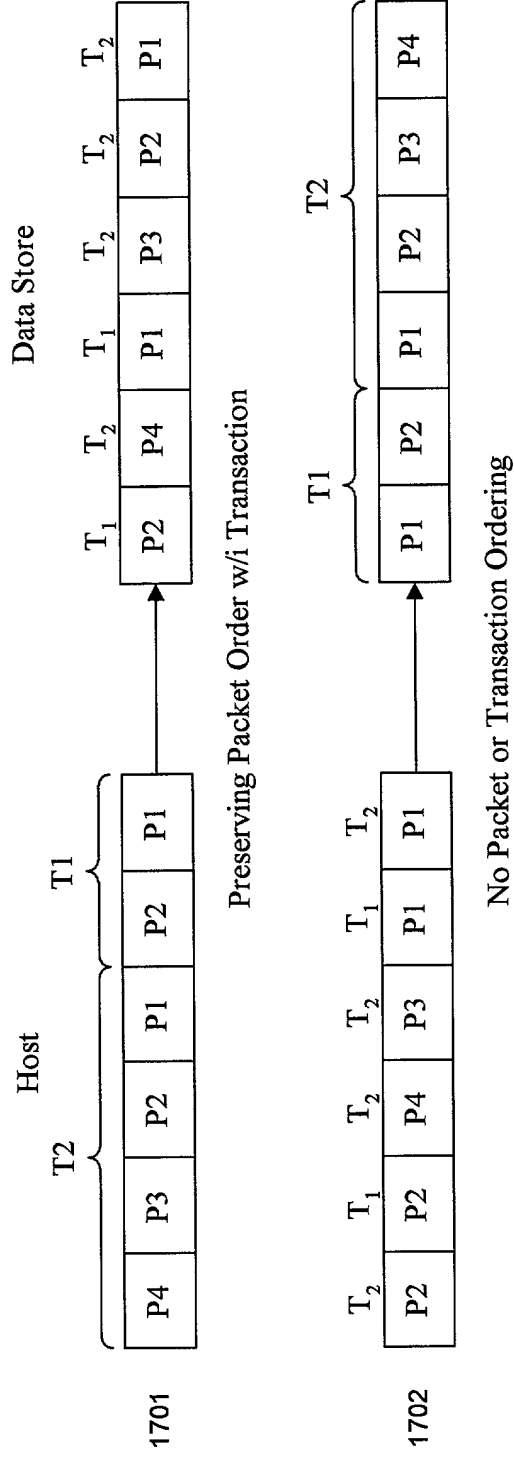


Fig. 17

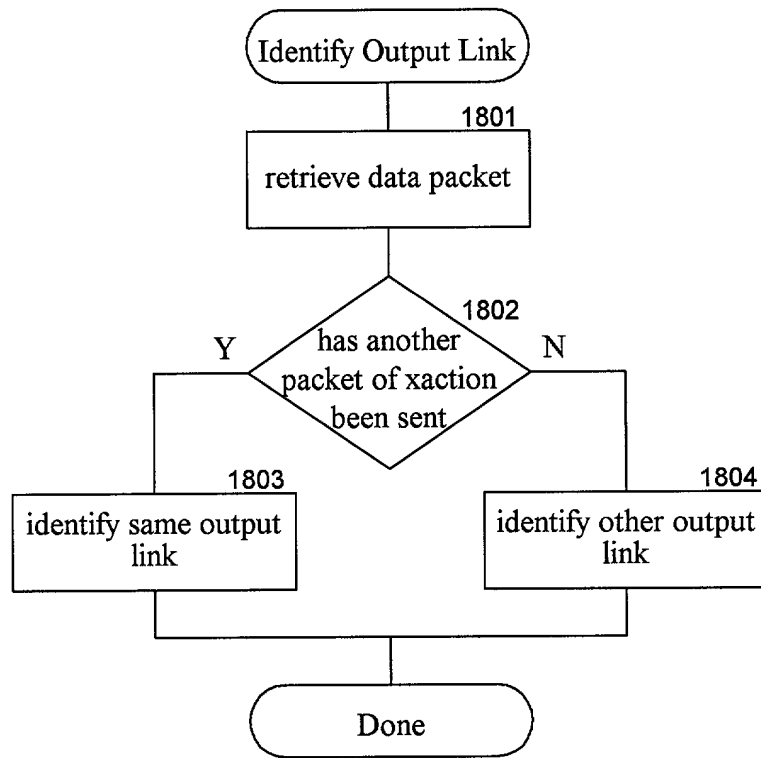


Fig. 18

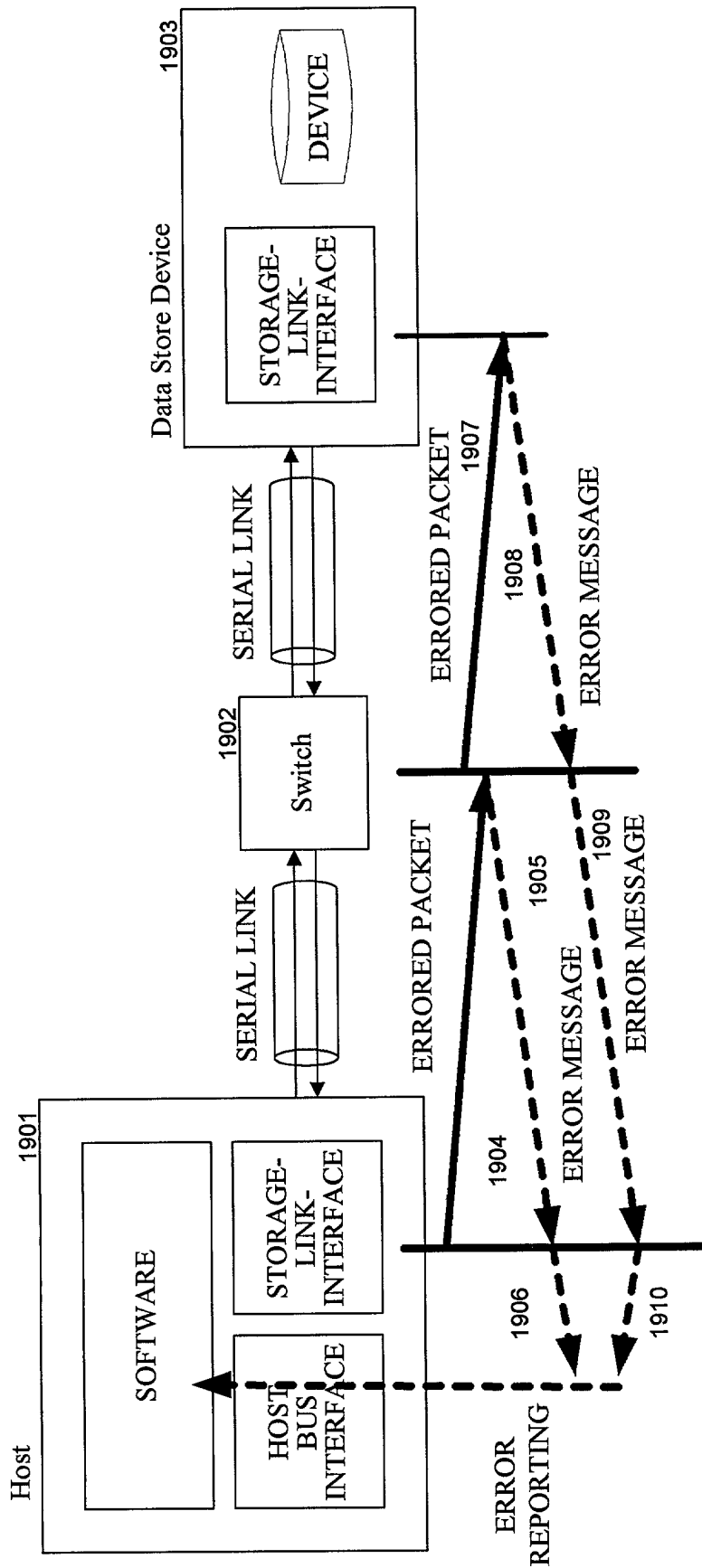


Fig. 19A

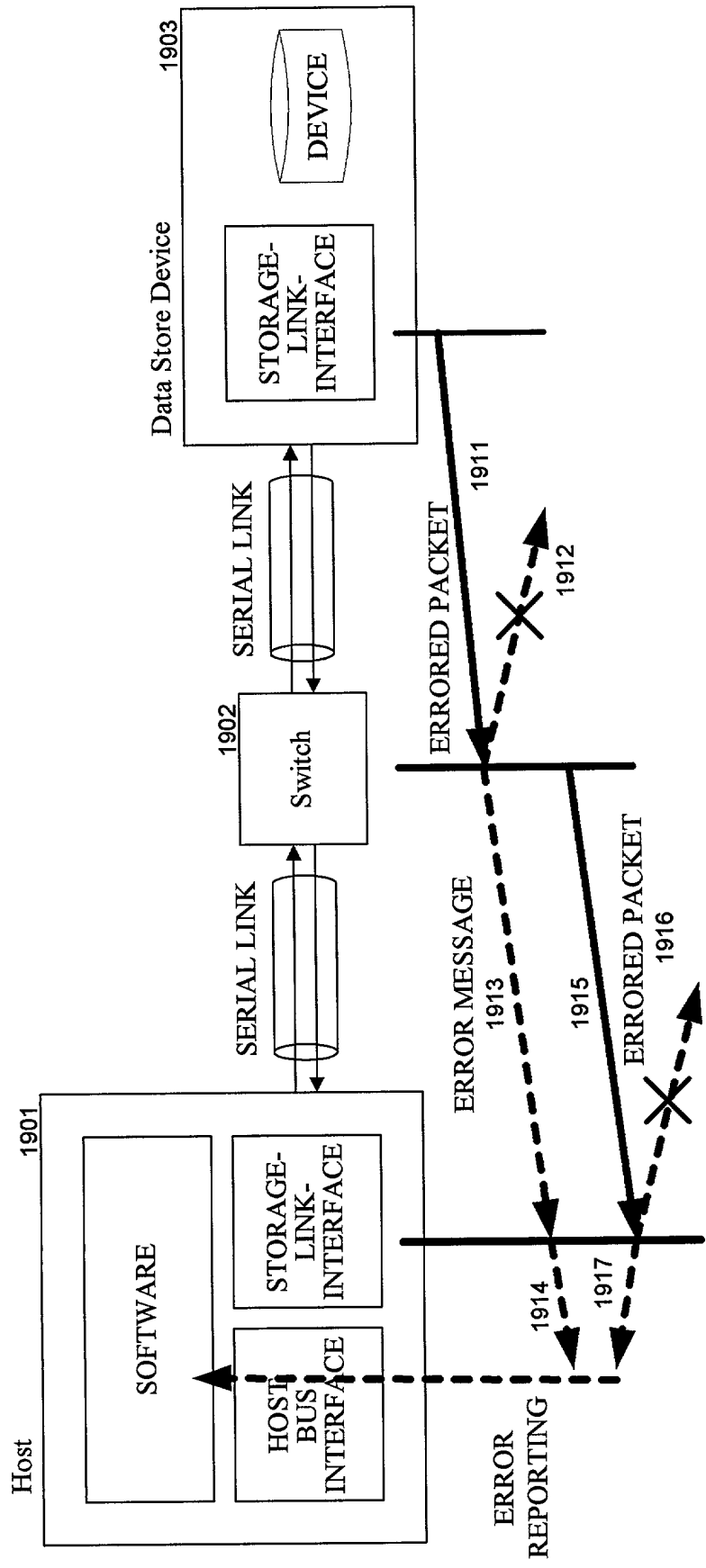


Fig. 19B

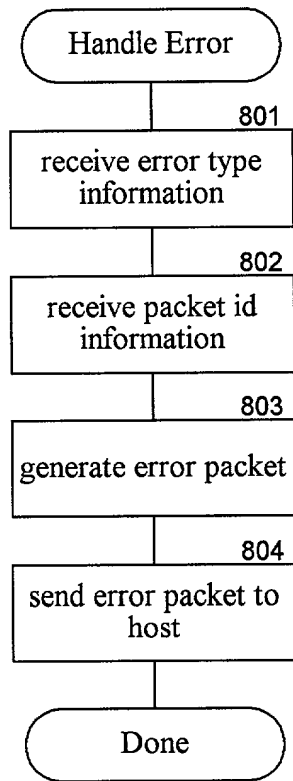


Fig. 19C

8b code	9 bit symbol
0 0 0 0 0 0 0 0	1 0 1 0 1 0 1 0 1
0 0 0 0 0 0 0 1	1 0 1 0 1 0 1 0 0
0 0 0 0 0 0 1 0	1 0 1 0 1 0 1 1 1
⋮	
0 1 0 1 0 1 0 1	0 0 1 0 1 0 1 0 1
⋮	
0 1 1 1 0 1 1 0	0 0 1 1 1 0 1 1 0
0 1 1 1 0 1 1 1	1 0 0 1 0 0 0 1 0
⋮	
1 1 1 1 1 1 1 1	1 1 0 1 0 1 0 1 0

Fig. 20

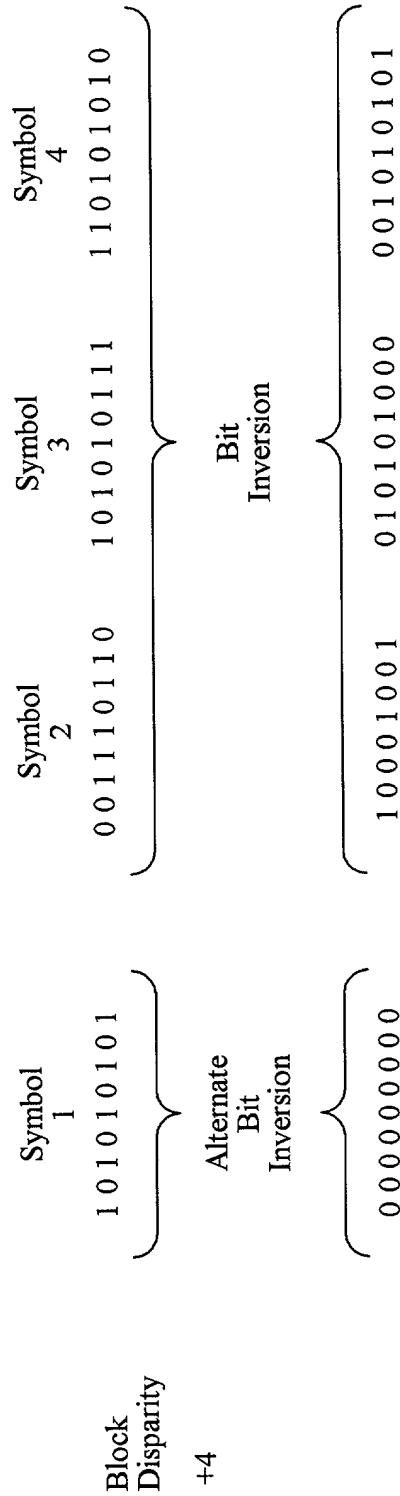


Fig. 21A

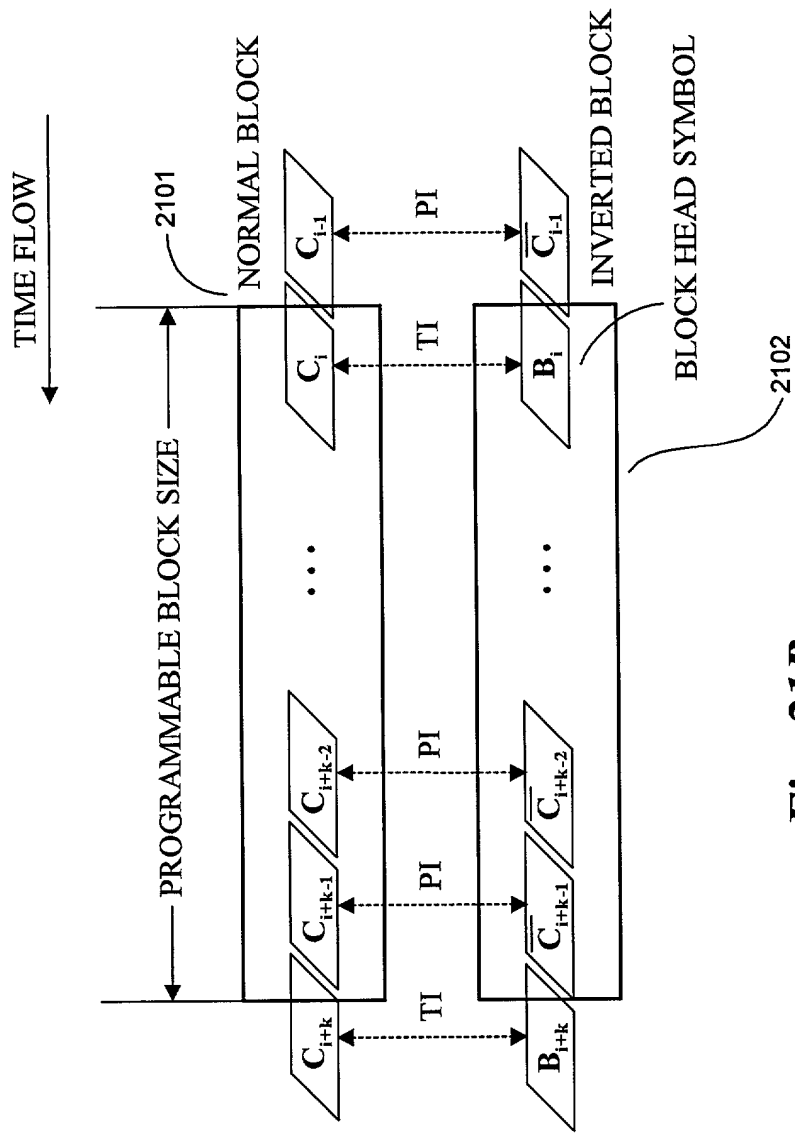


Fig. 21B

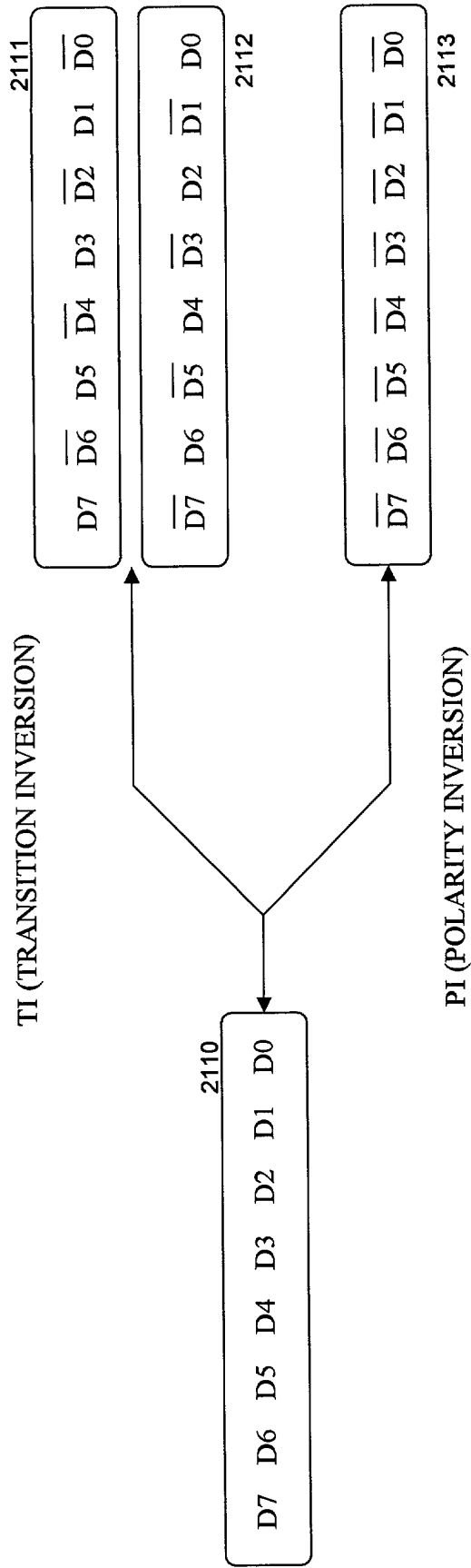


Fig. 21C

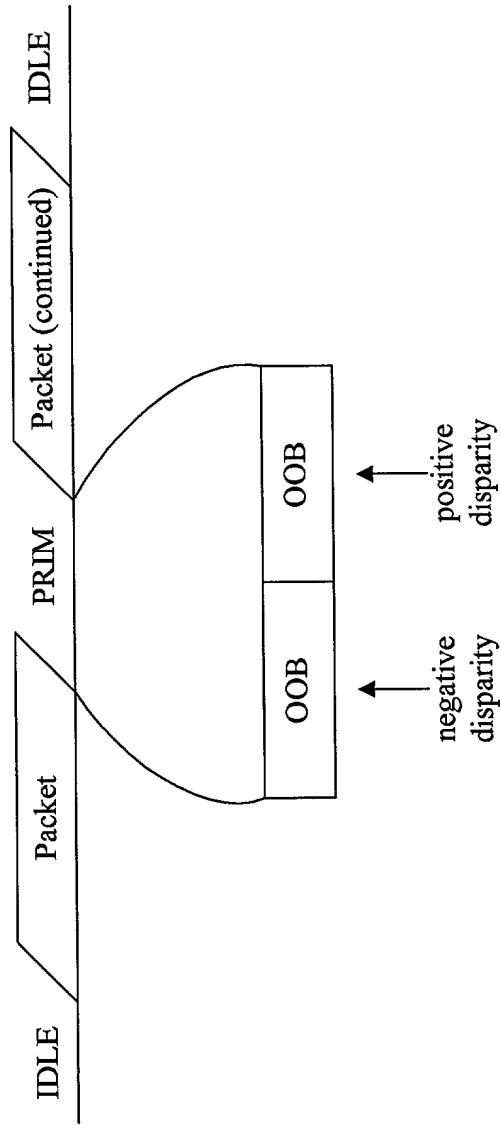


Fig. 22

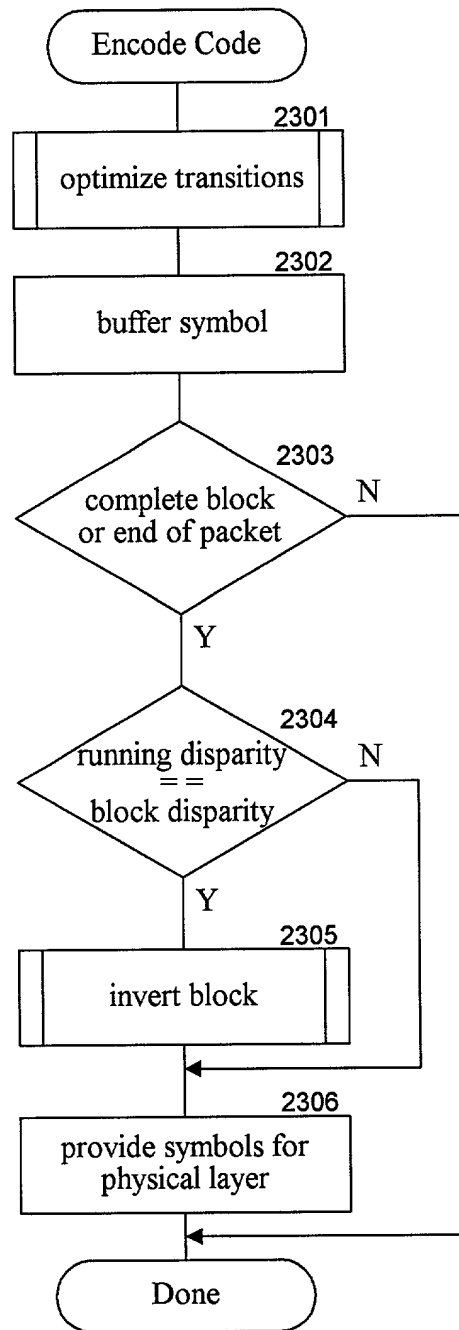


Fig. 23

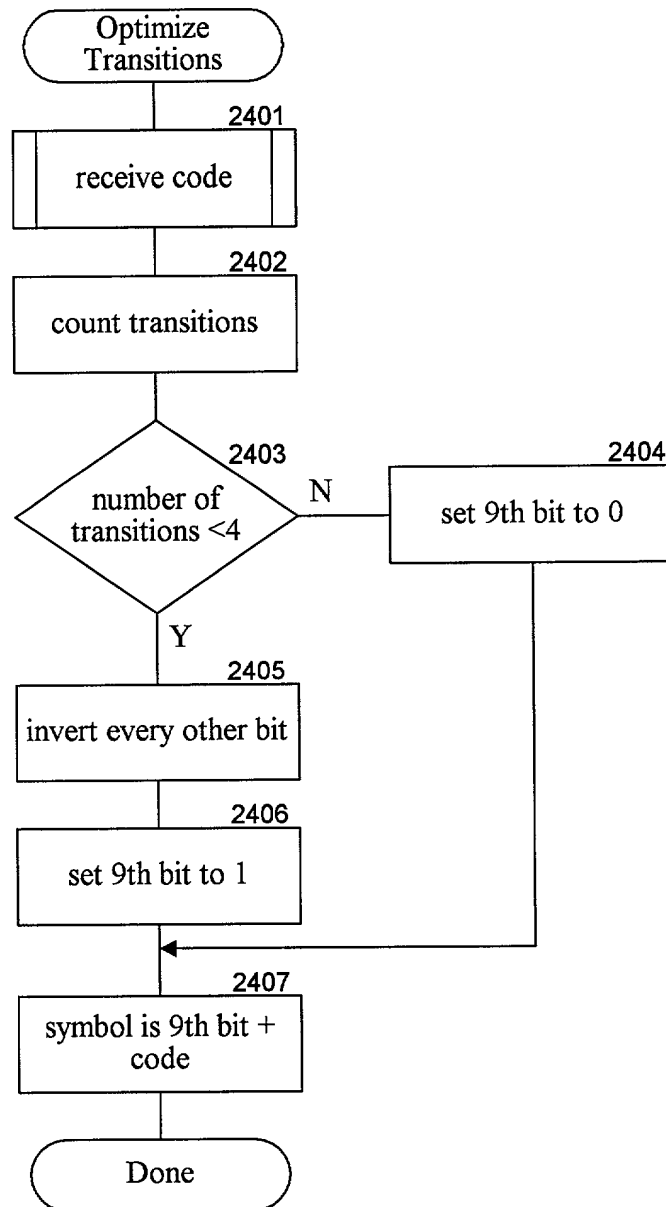


Fig. 24

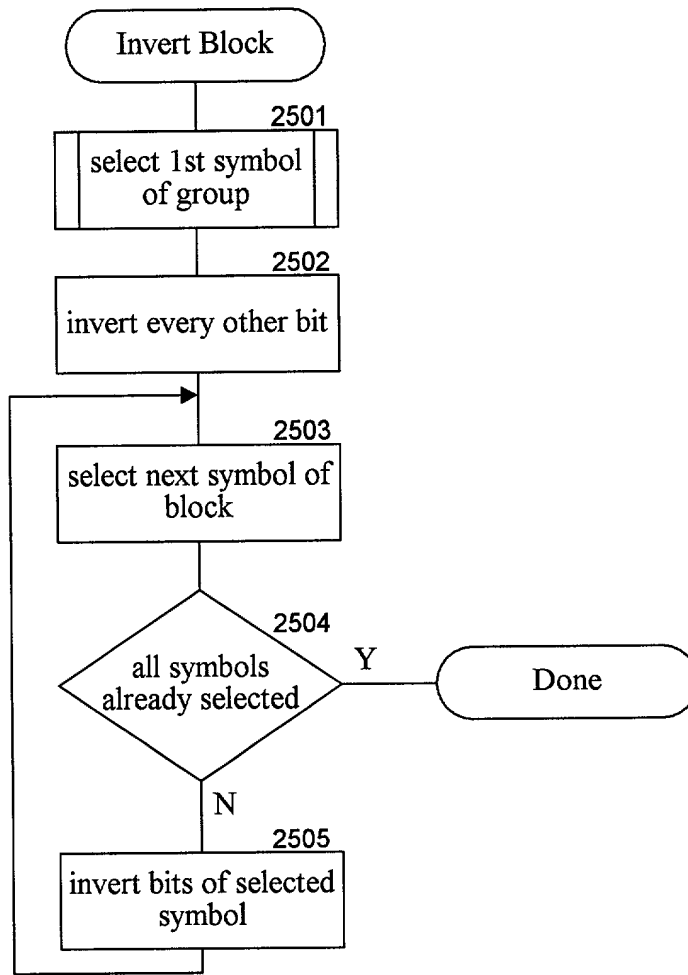


Fig. 25

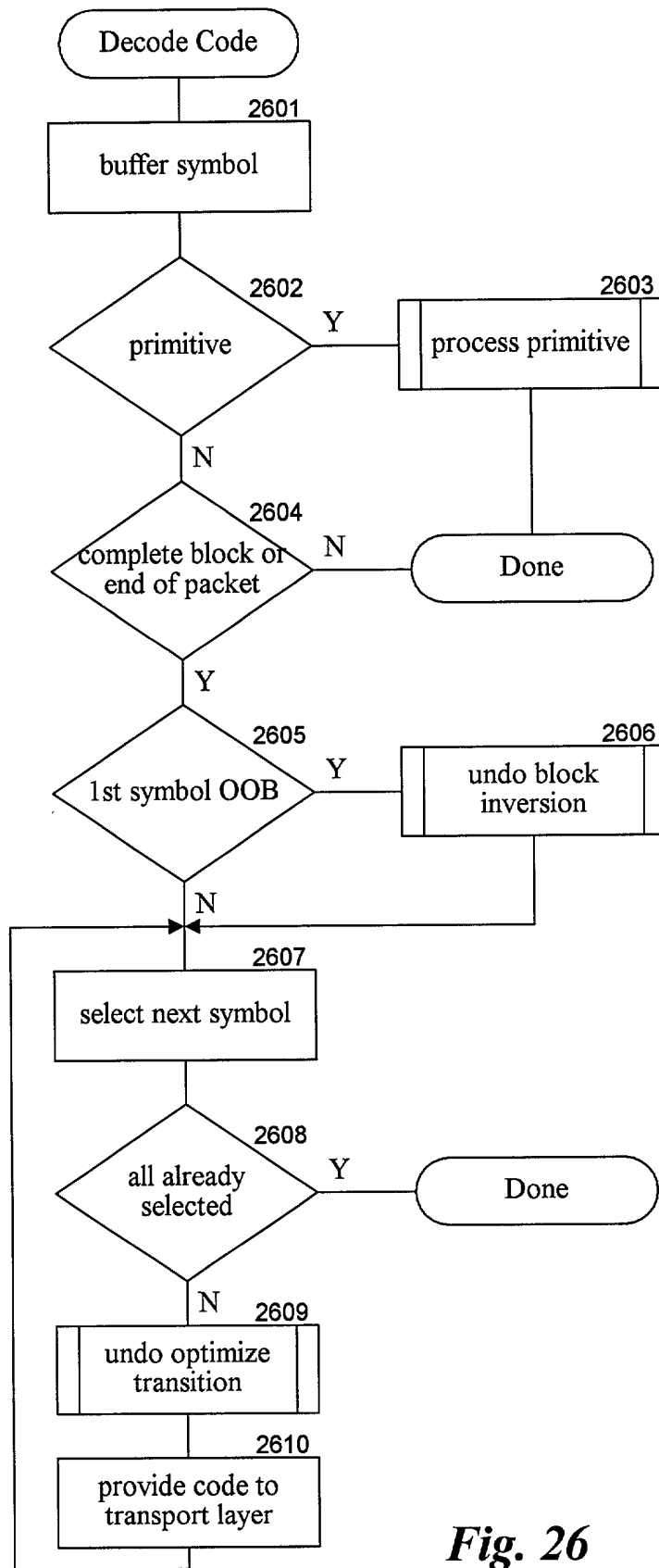


Fig. 26

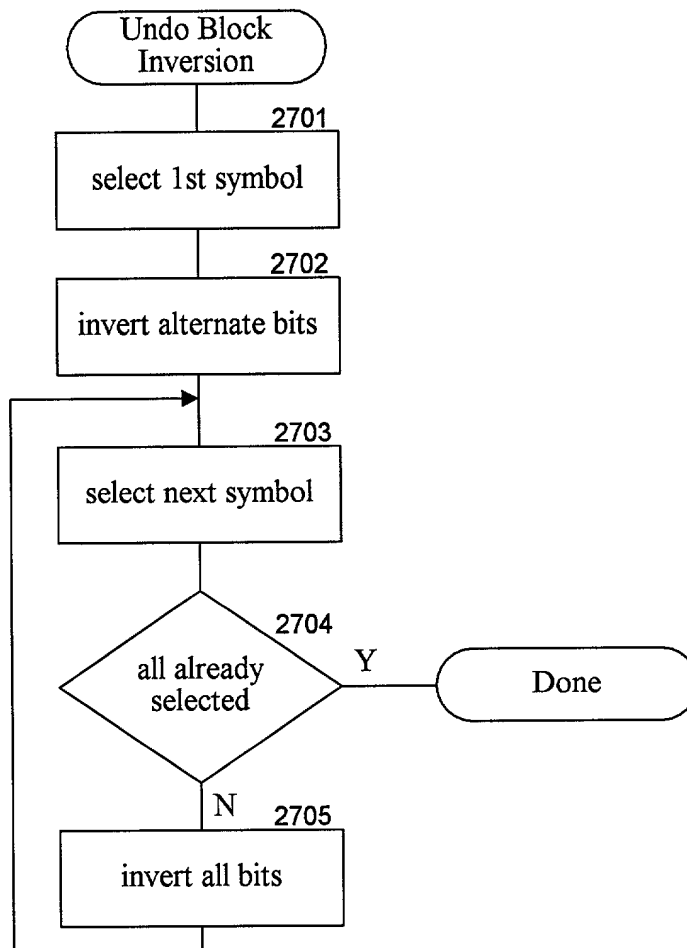


Fig. 27

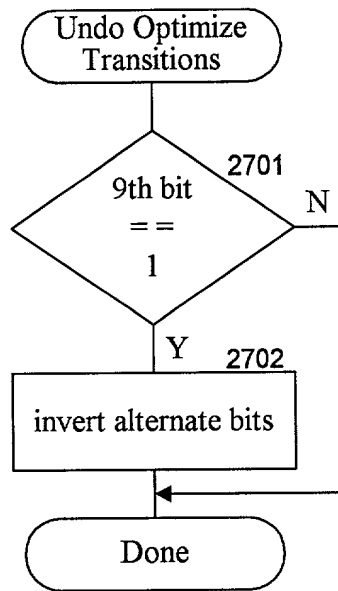


Fig. 28

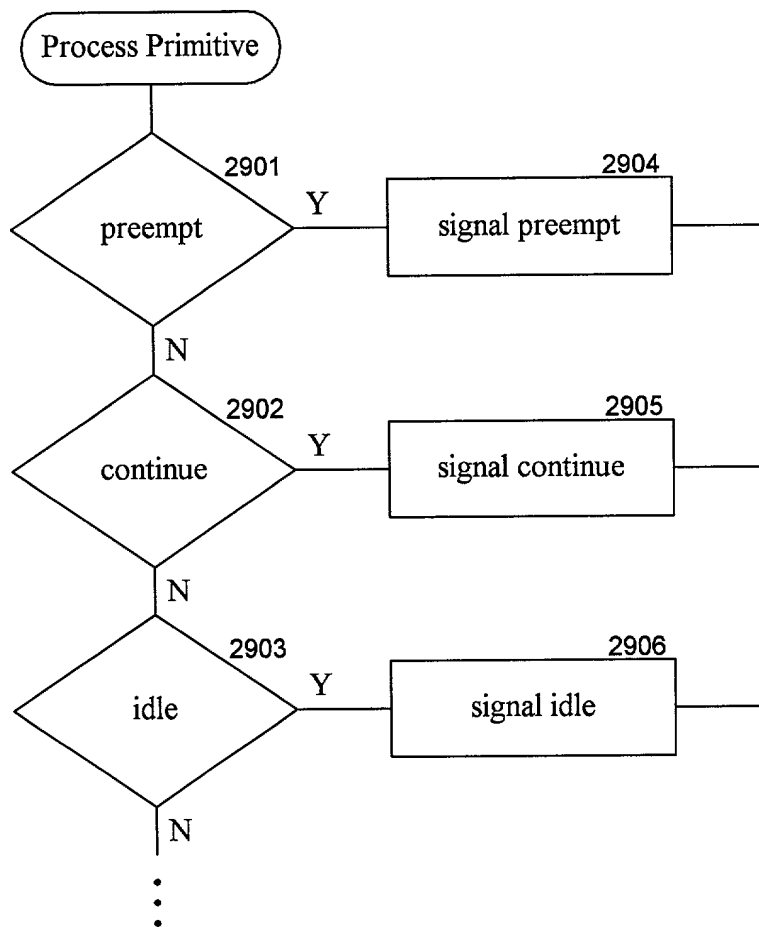


Fig. 29

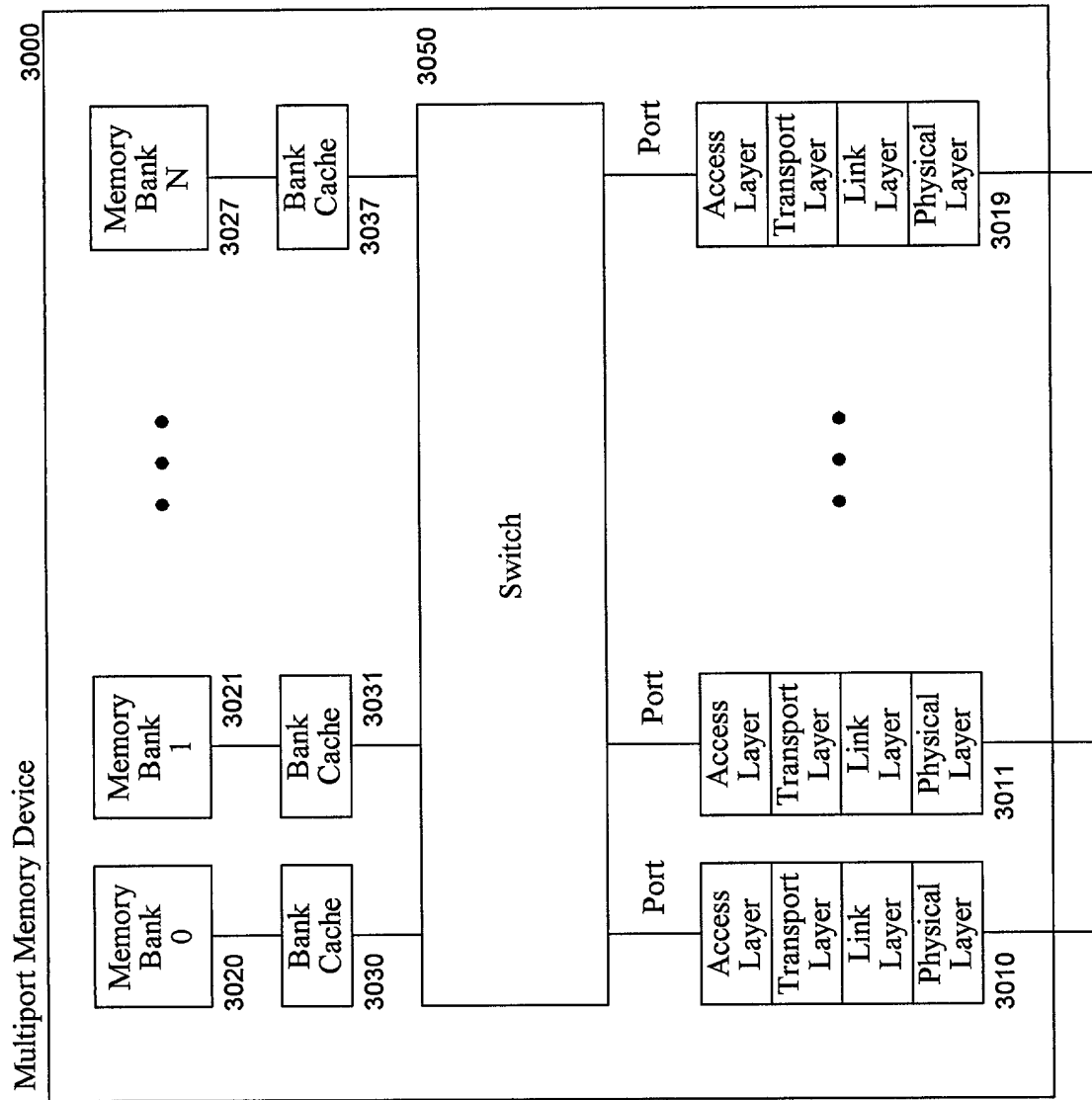


Fig. 30

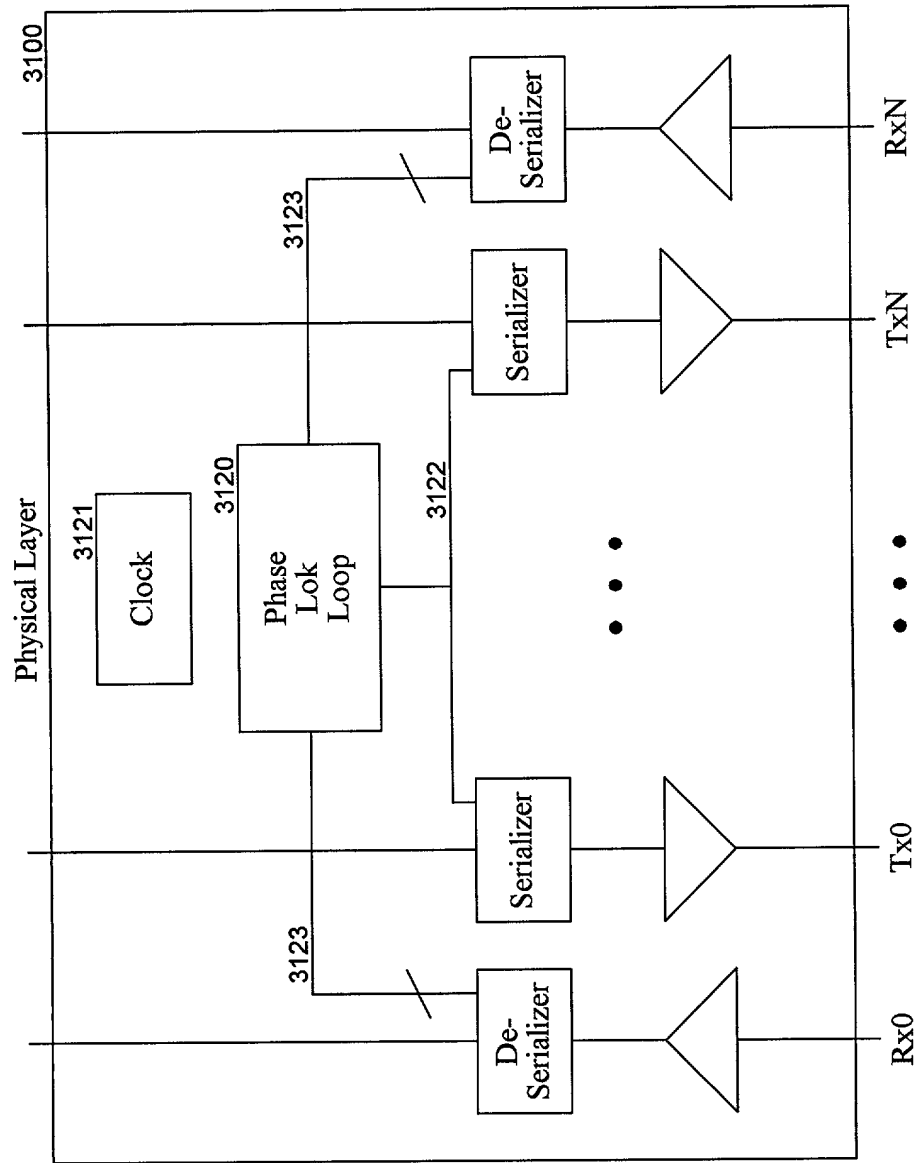


Fig. 31

Input Queue 3201				Output Queue 3202			
Port	R/W	Address	Data	Valid	Port	Data	
3	R	1000		1	3	11...0	
4	W	4000	10...1	0			
3	W	1000	111...0	0			
3	R	2000		1	3	101...1	
	⋮				⋮		

Fig. 32

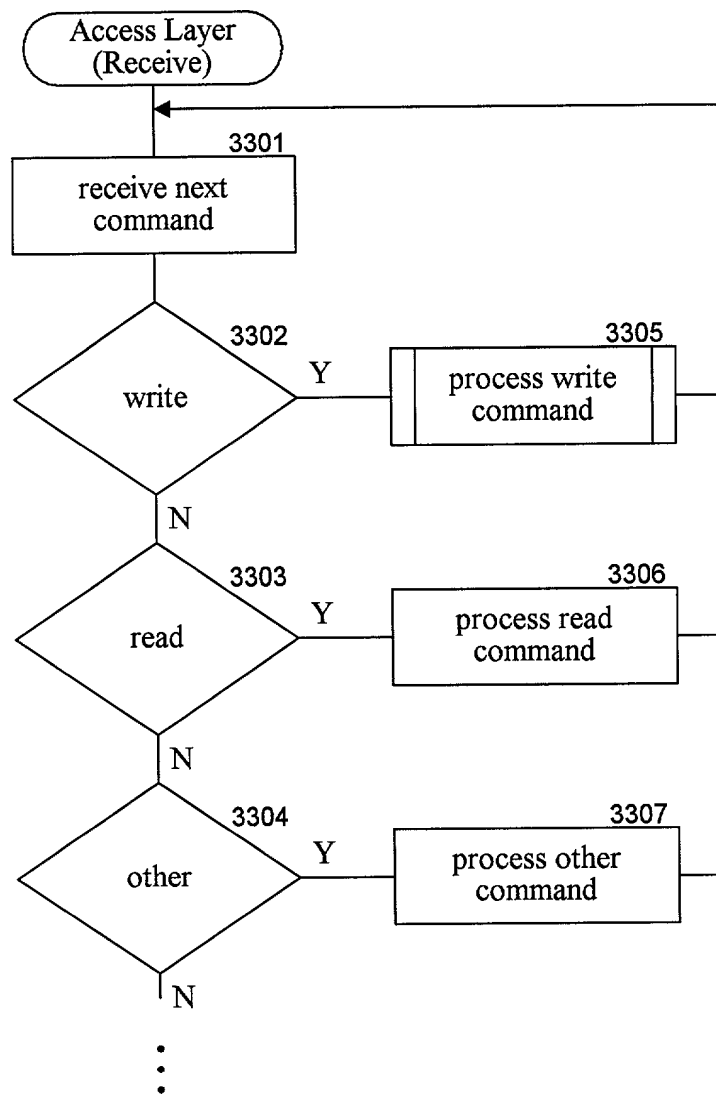


Fig. 33

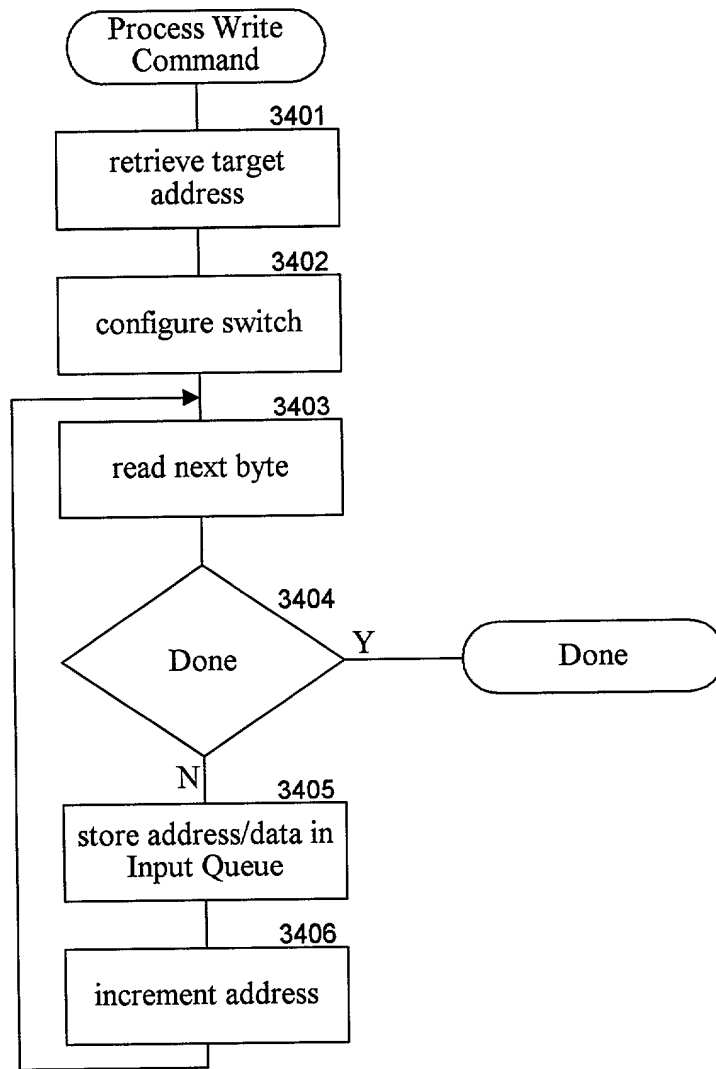


Fig. 34

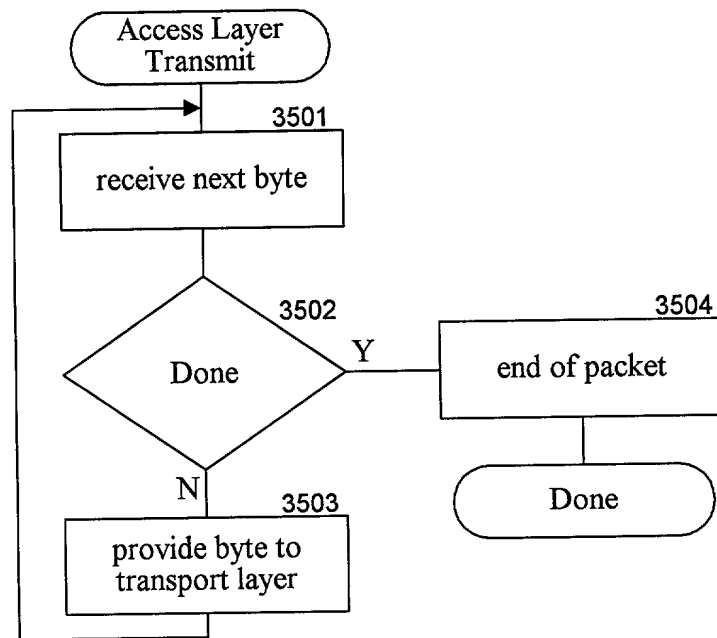


Fig. 35

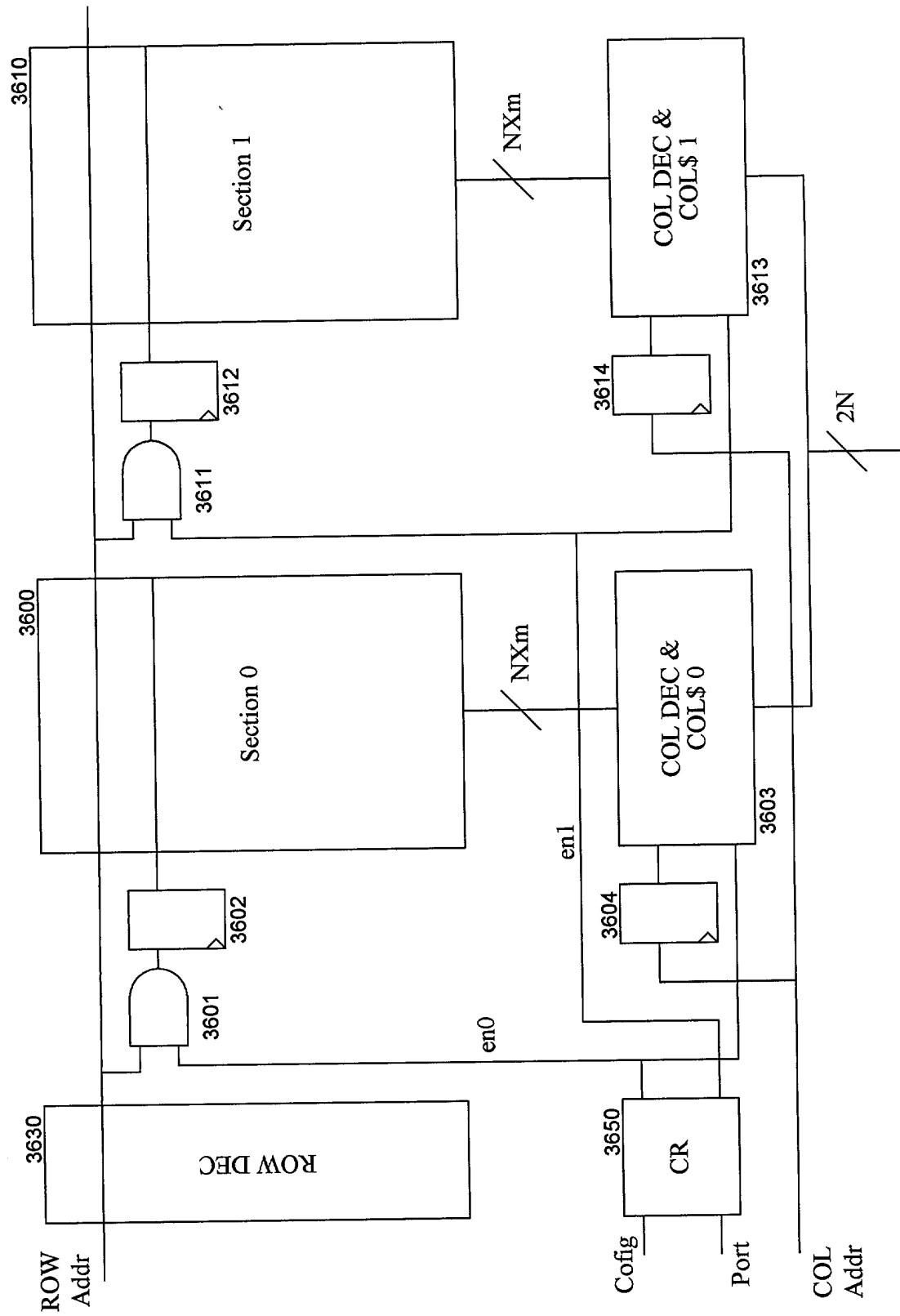


Fig. 36

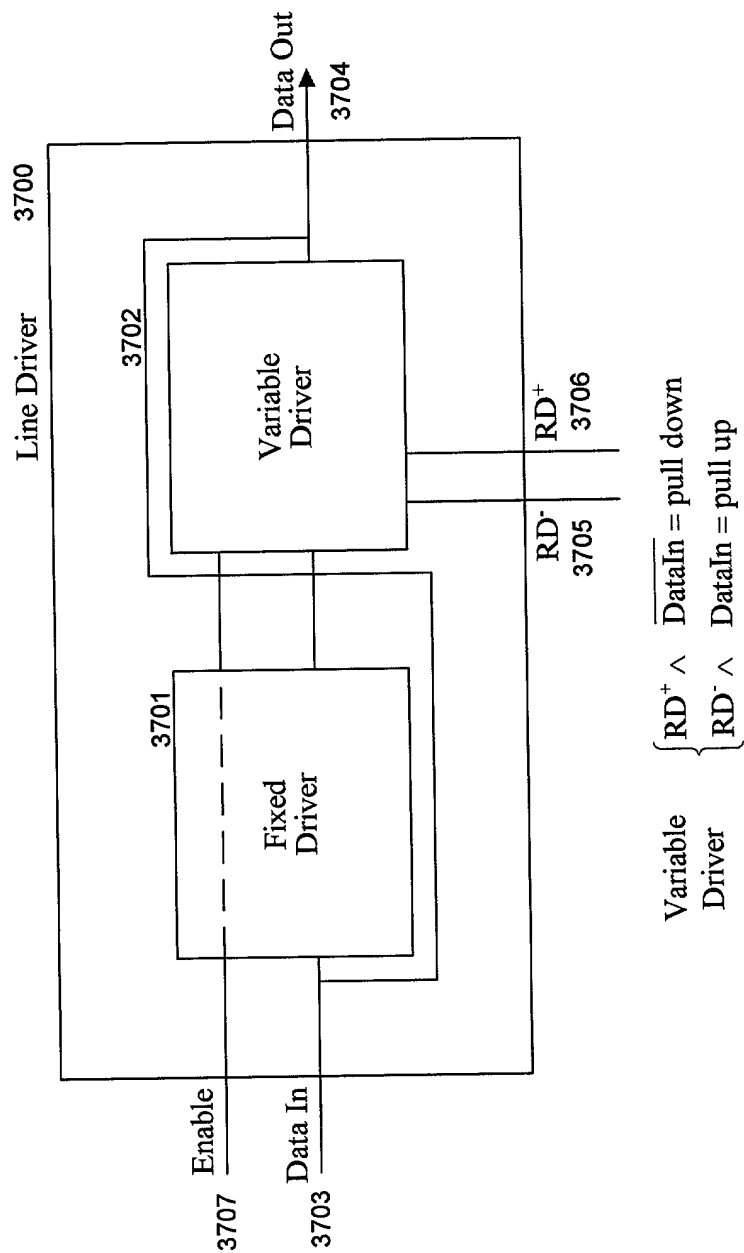


Fig. 37A

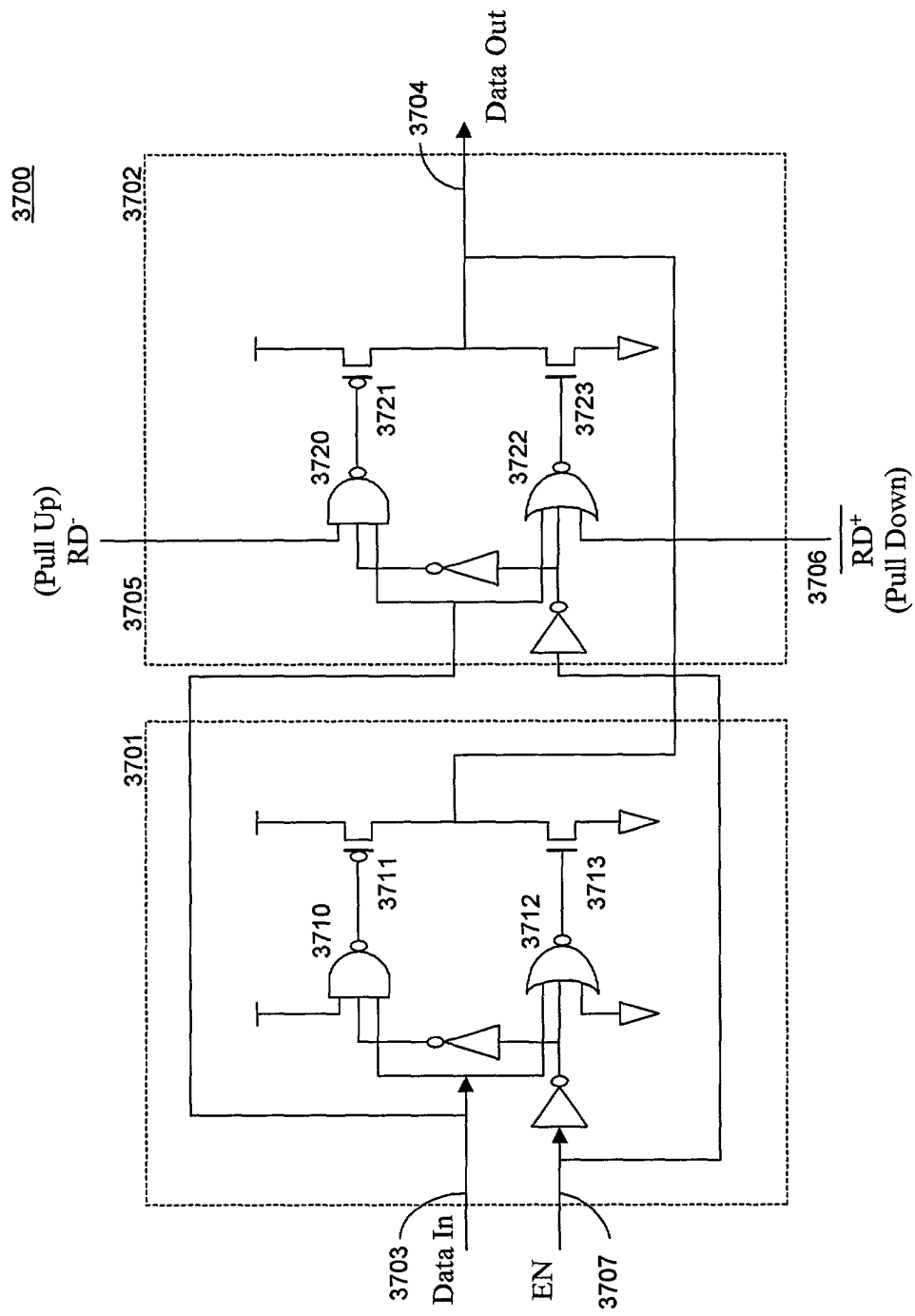


Fig. 37B

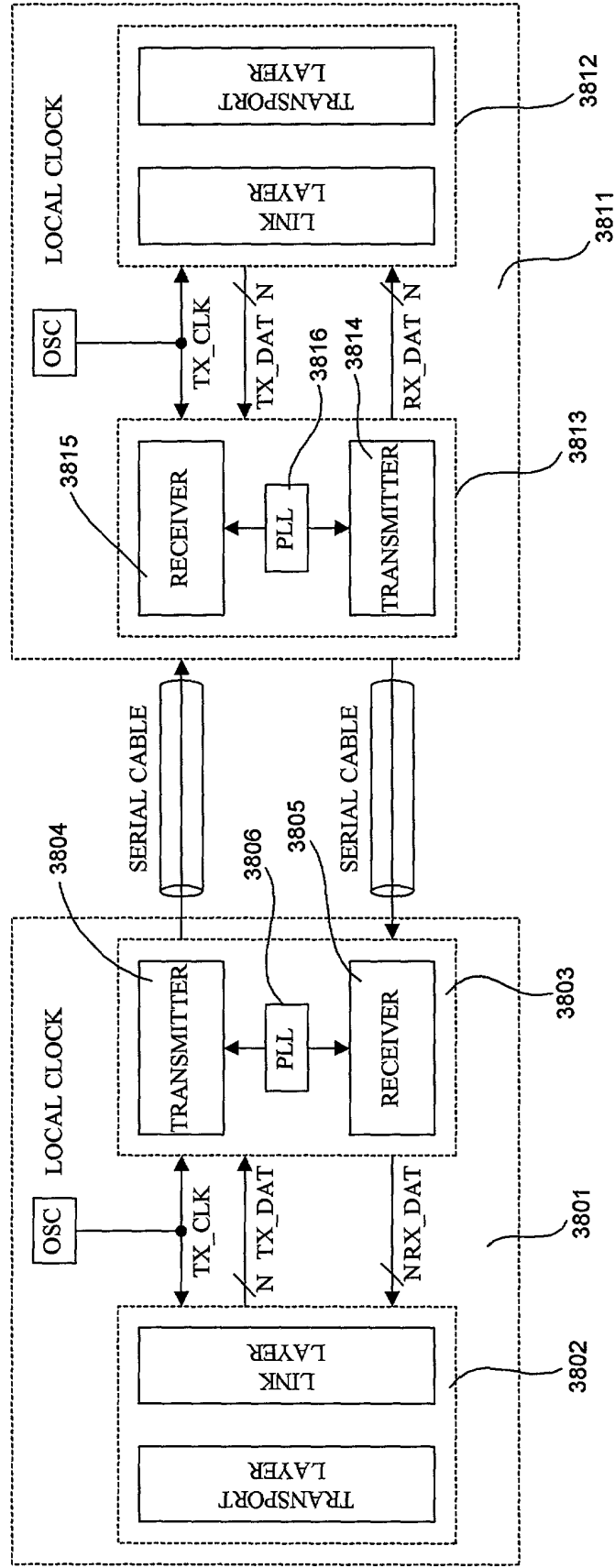


Fig. 38A

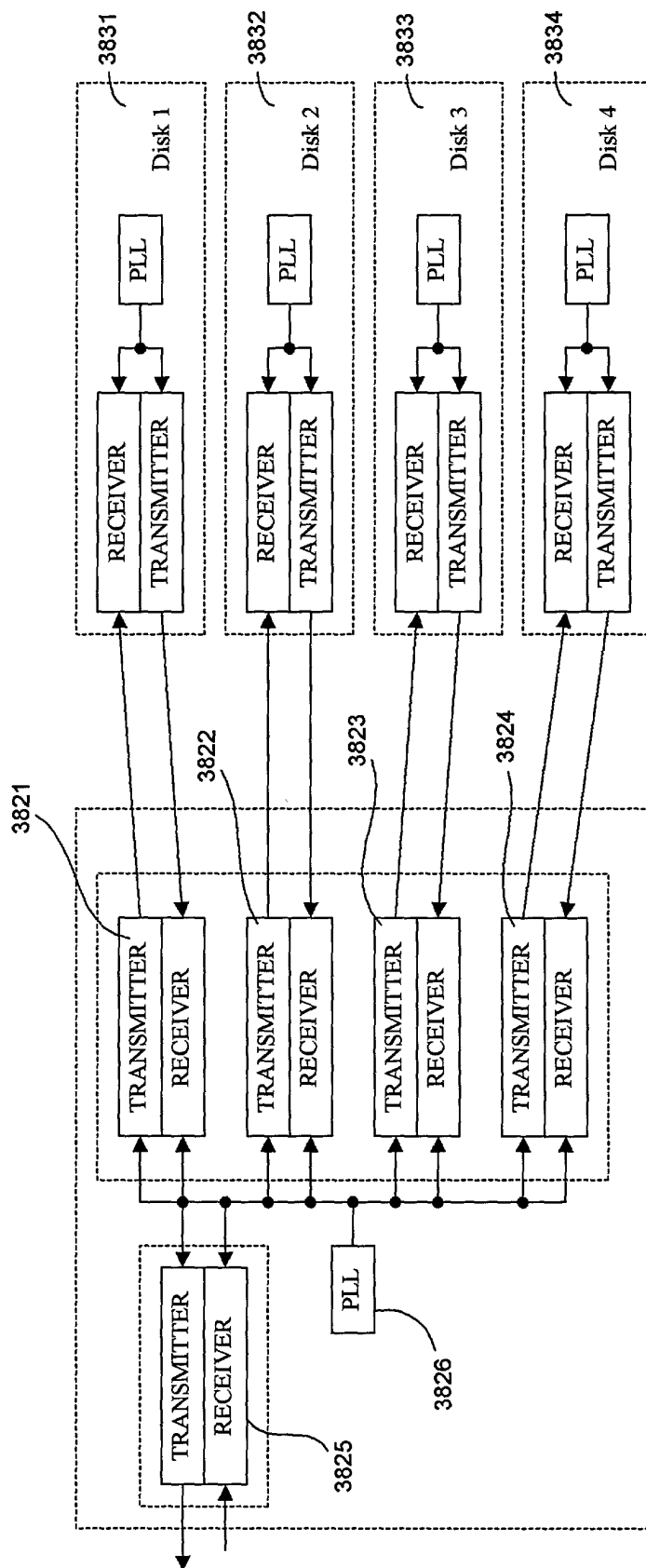


Fig. 38B

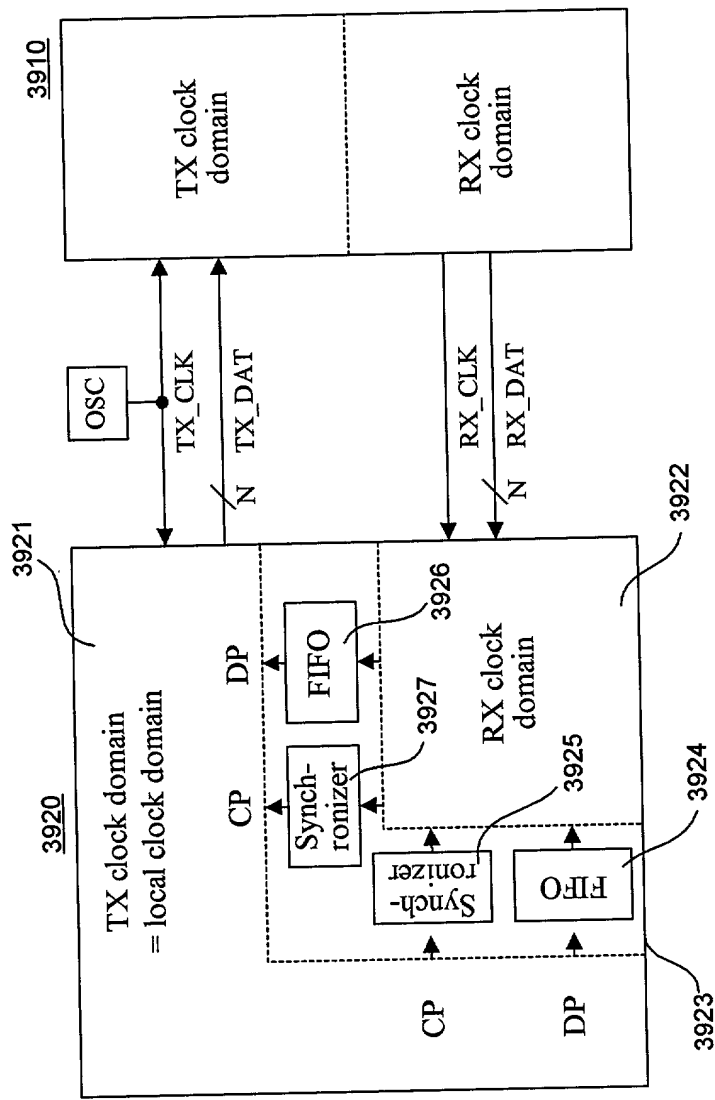


Fig. 39A

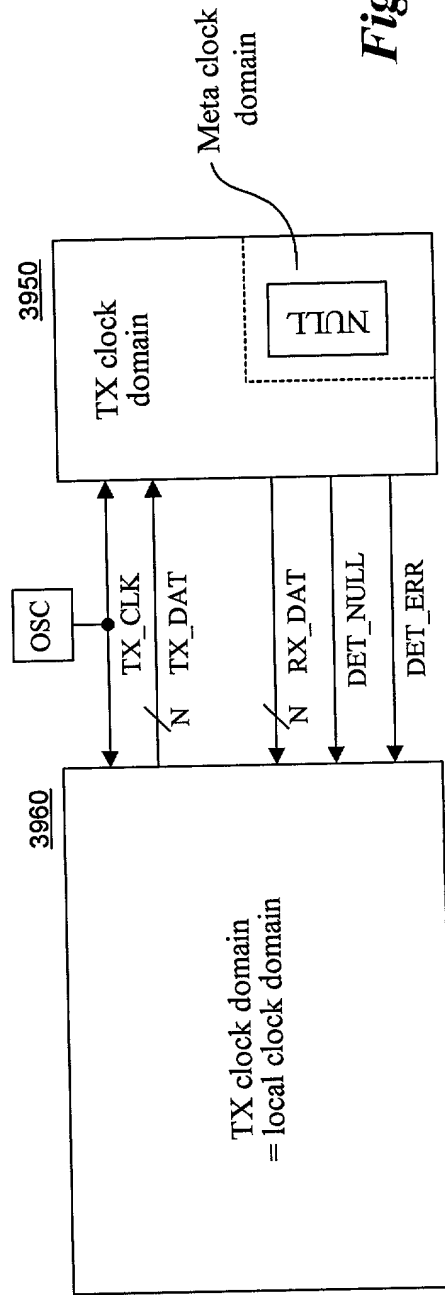


Fig. 39B

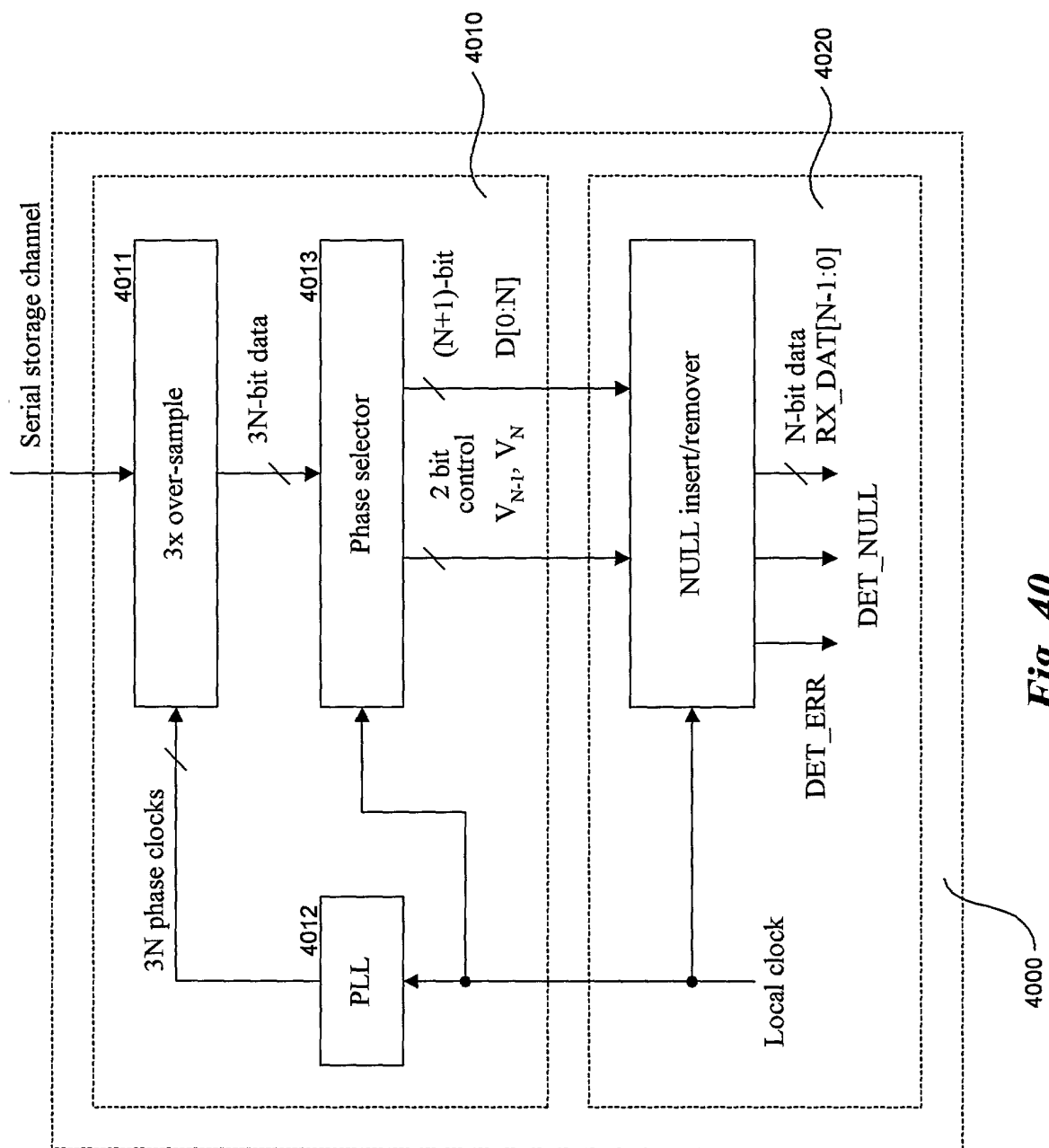


Fig. 40

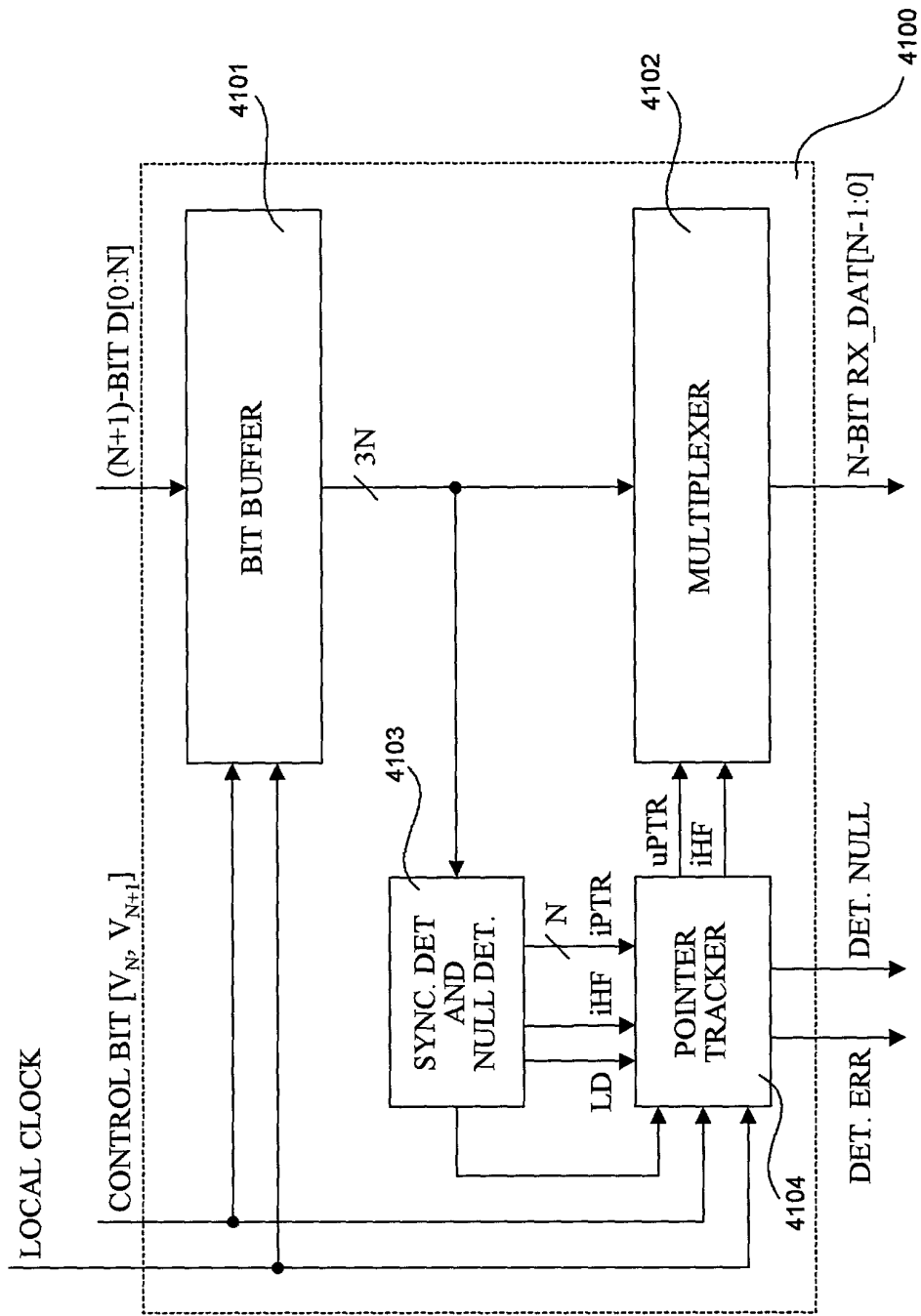
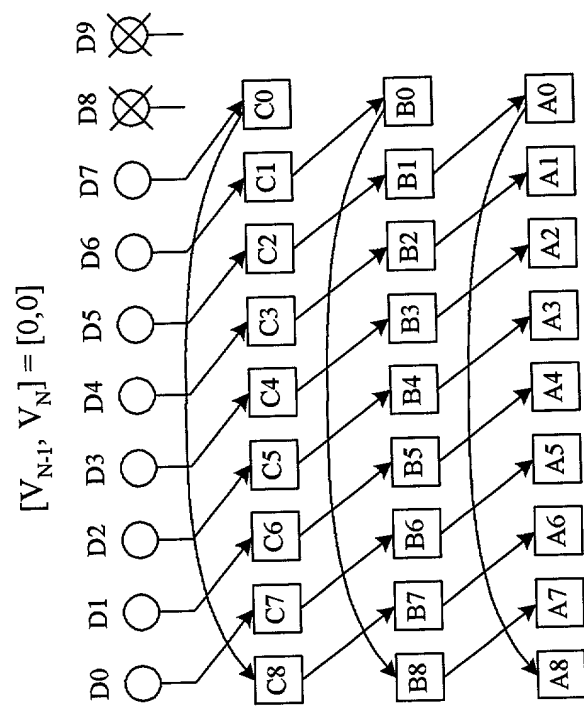


Fig. 41



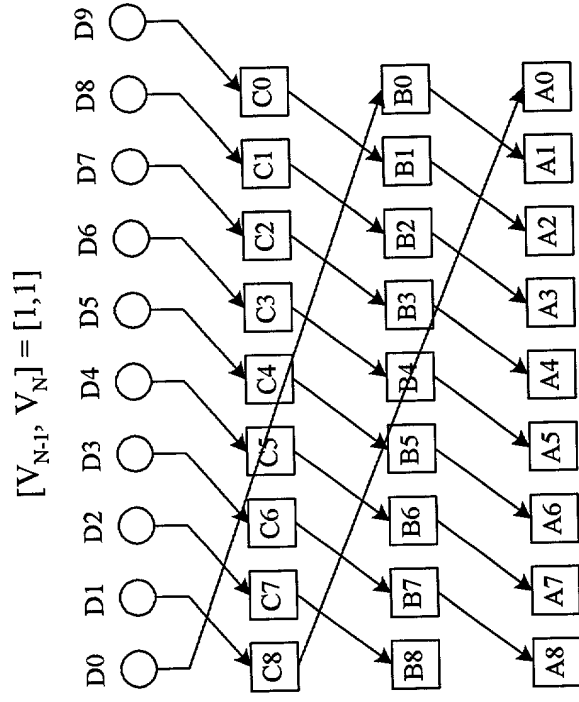


Fig. 42C

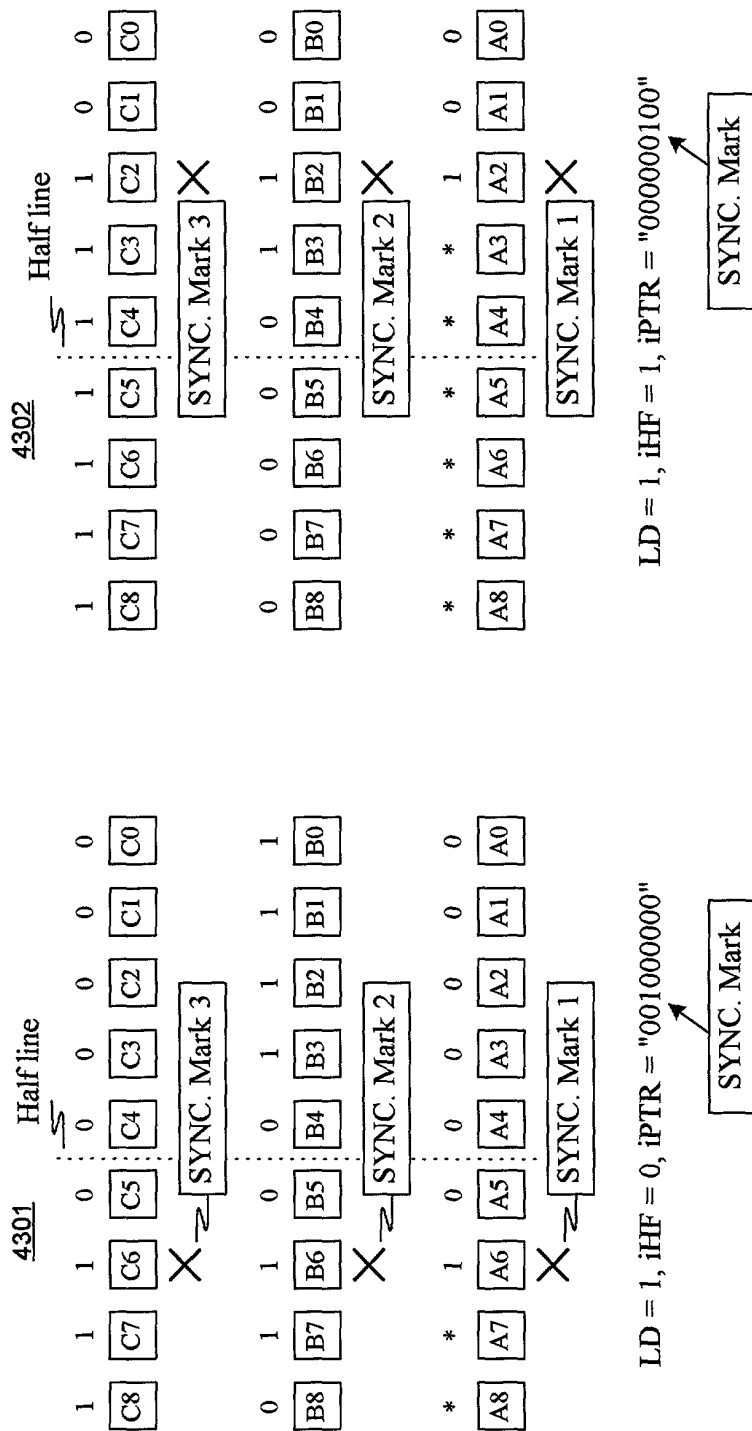
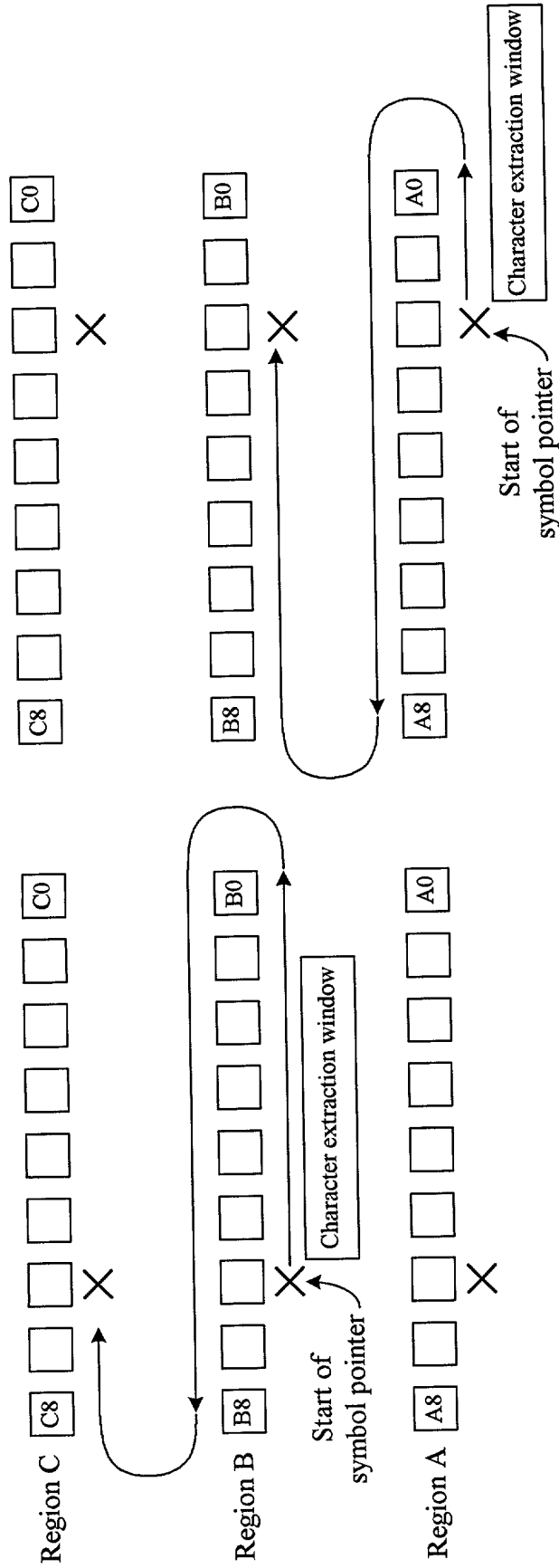


Fig. 43



LD = 1, iHF = 0, iPTR = "001000000"

LD = 1, iHF = 1, iPTR = "000000100"

Fig. 44

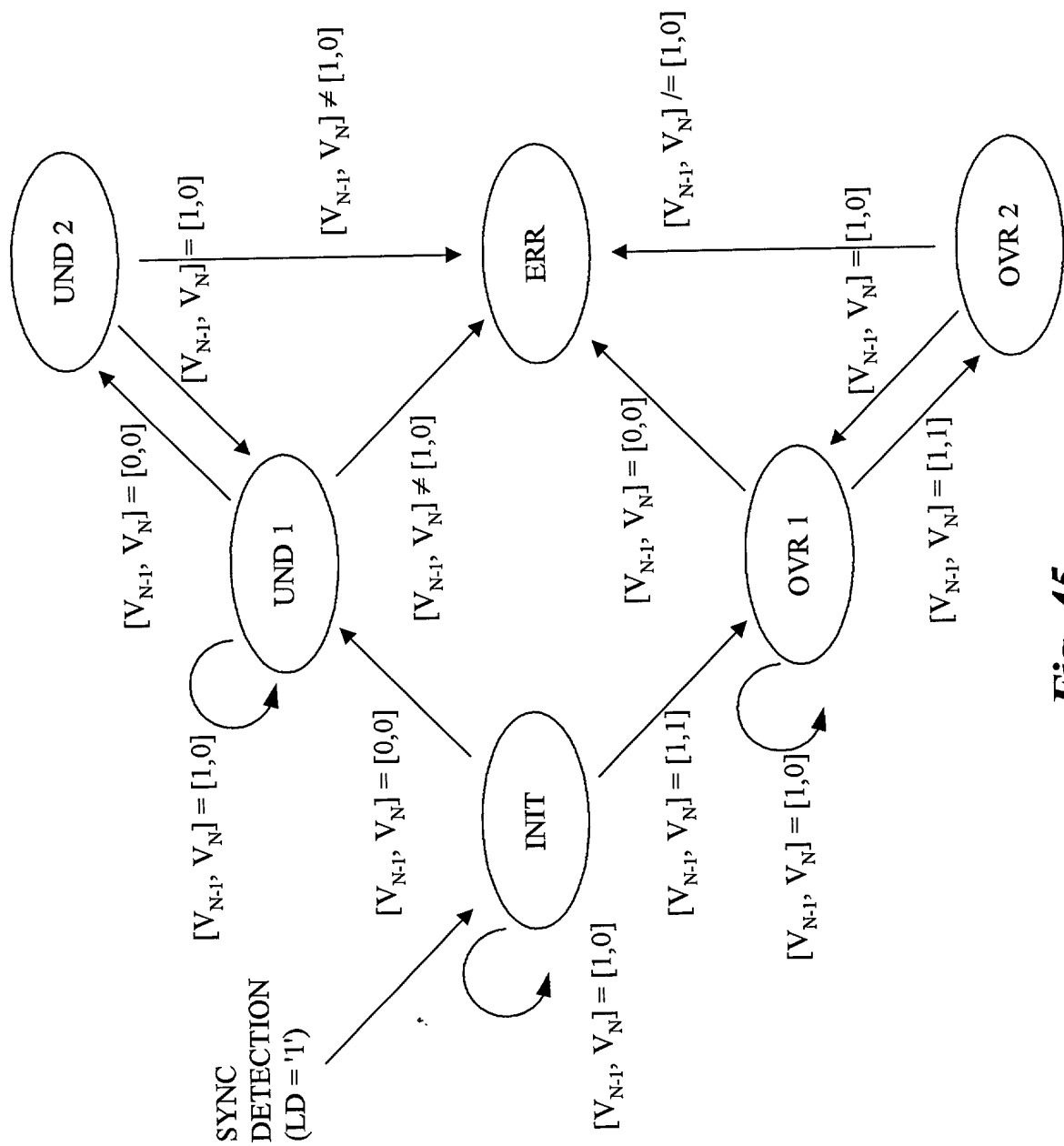


Fig. 45

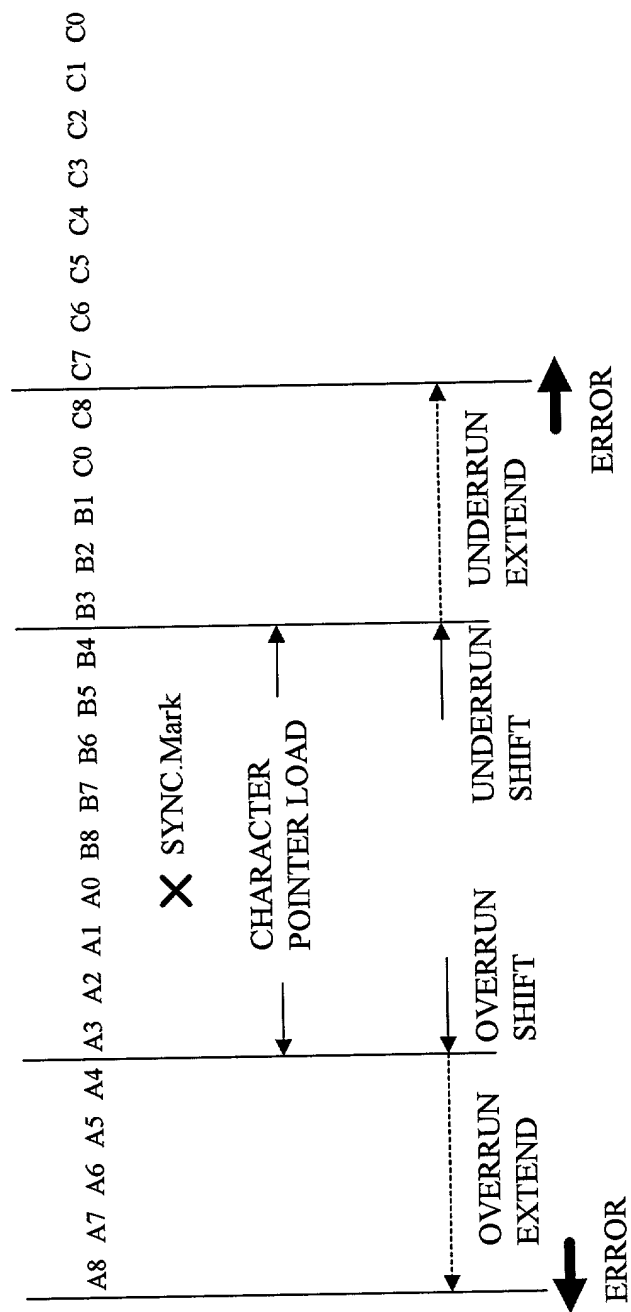


Fig. 46

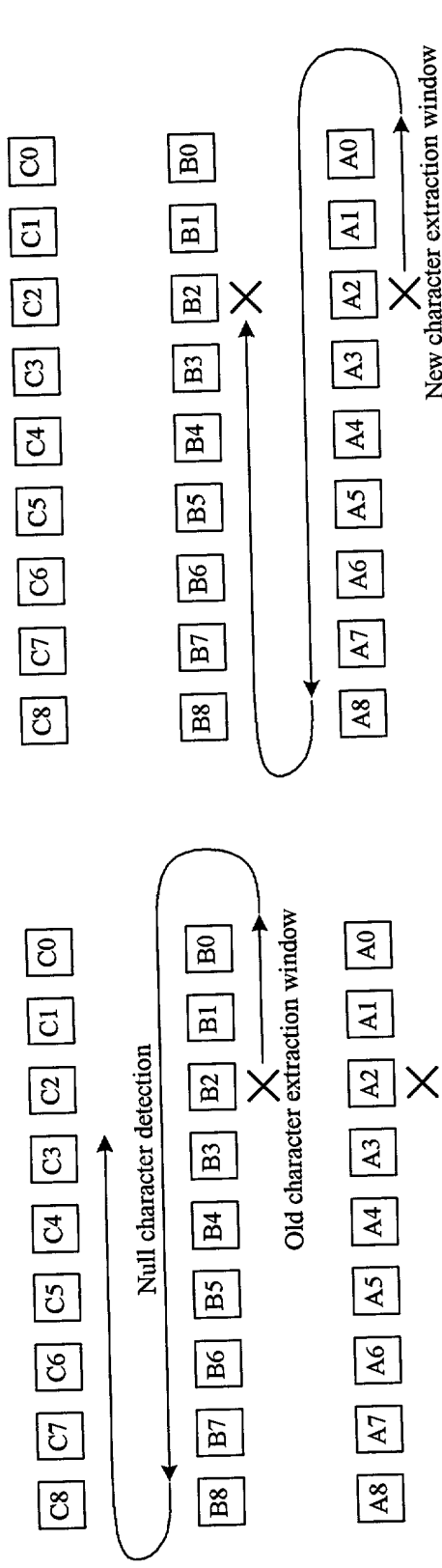


Fig. 48A

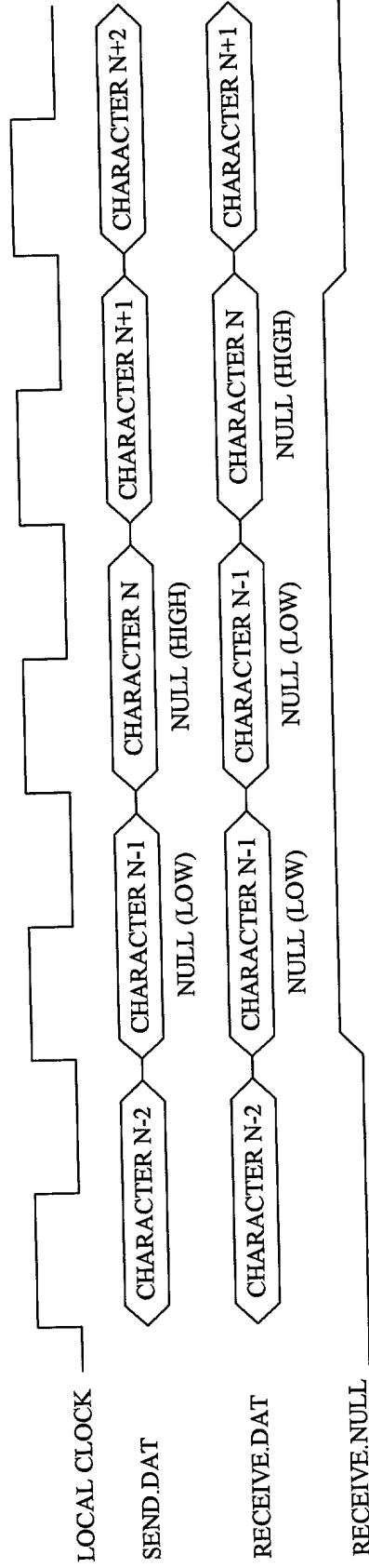


Fig. 48B

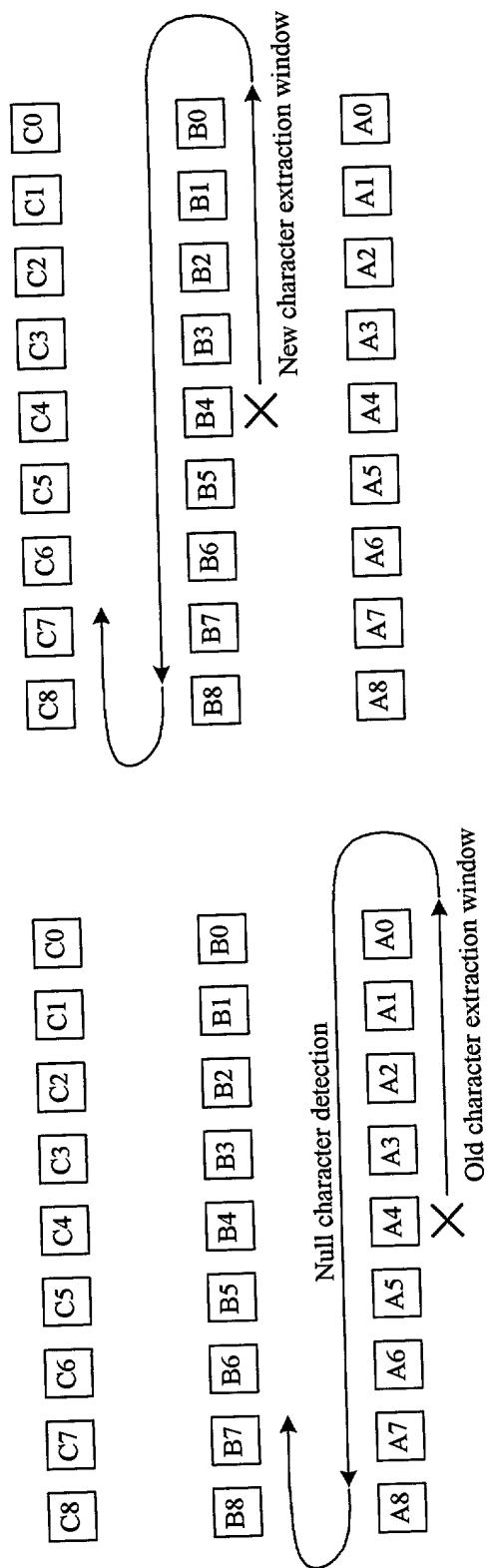


Fig. 49A

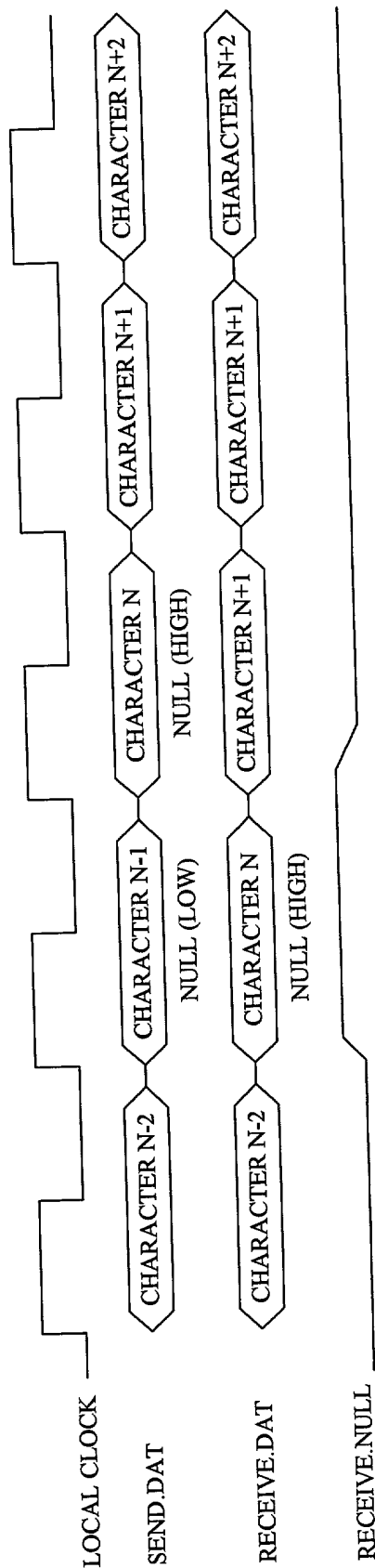


Fig. 49B